

# NetSuite 2017.1 Release Notes

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**Important:** This document summarizes the changes to NetSuite between 2017.1 and the previous release.

These release notes are subject to change every week.

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

The 2017.1 enhancements and changes listed in this document are not available to customers until they are upgraded to NetSuite 2017.1. Please check the version number at the bottom of your Home page if you are unsure which NetSuite version you are using.

Click links in the following table for details about product changes:

Product	Section	Summary
NetSuite	Accounting	<a href="#">Foreign Currency Variance Posting Rules</a> <a href="#">Enhanced GL Audit Numbering with GL Impact Locking</a> <a href="#">Advanced Intercompany Journal Entries</a> <a href="#">Custom GL Lines Plug-in Enhancements</a> <a href="#">Enhancements in Advanced Revenue Management</a> <a href="#">Summarized Intercompany Elimination Journal Entries</a> <a href="#">Processed Intercompany Elimination Records Page</a> <a href="#">Enhancement for Classic Revenue Recognition</a> <a href="#">Saved Search Enhancement for Accounting Context</a> <a href="#">Change to Xignite Provider</a> <a href="#">Multi-Book Accounting and Subsidiary Hierarchy Modification</a> <a href="#">Fixed Assets Management Enhancements</a> <a href="#">Enhancement to Mexico Compliance</a>
	Administration	<a href="#">Deprecation of Quicken QIF File Import</a> <a href="#">New Options for Two-Factor Authentication</a> <a href="#">Expanded List of Trusted Certificate Authorities</a> <a href="#">Enhancements to Email Message Management</a> <a href="#">For European Union Customers Only: Accessing Release Preview</a> <a href="#">Absolute Session Timeouts for Web Services and for UI Access</a> <a href="#">Changes to Employee Permissions</a> <a href="#">Script Queue Monitor in Application</a> <a href="#">Performance Management (APM)</a>
	Banking	<a href="#">Change to Displaying Negative and Positive Transactions in Reconciliation</a>

Product	Section	Summary
		Change to Automatic Transaction Matching
	Customer Relationship Management (CRM)	Case Alerts (Beta) Enhancements to the Customer Dashboard Performance Metrics for Support Cases Links to Case Reply Attachments Quick Note Field on Case Records System Template Categories Dun & Bradstreet for NetSuite Integration Enhancements
	Employee Management	Employee Center Portlet Enhancements One Payroll Service Time Rejection Note Restrict Expense Category per Subsidiary Time Threshold Enhancements Time Entry Exceptions Report Enhancements
	Items and Inventory Management	Vendor Dashboard Intercompany Transfer Order Enhancements In-Transit Accounting and Group Average Costing In-Transit Ownership Commit Orders Scheduling Enhancements Demand Planning Change Purchase Order Form Enhancements
	Order Management	Promotion Enhancements with SuitePromotions Enhancements in Automatic Location Assignment Rules Automatic Location Assignment Configuration Field on Sales Order Default Automatic Location Assignment Configurations Store Pickup Exceptions on Fulfillment Request Record Pickup Hold Field on the Fulfillment Request Record Automation for Pickup Orders Pickup Order Notifications Business Hours on Location Record Buffer Stock for Store Pickup New Subsidiary Field on Automatic Location Assignment Configuration Record Updates to the Payment Processing Profiles Page Dunning Enhancements Electronic Payments Enhancements Grid Order Management Enhancements Recurring Billing Enhancements Software Vertical Contract Renewals Enhancements Grid Order Management Version 6.0 Enhancements Auto-charge Credit Card SuiteApp
	Projects	Charge-Based Billing Enhancements

Product	Section	Summary
		Void Time Improvements Support for Time-Off Management Project Resource Management
	Mobile	Mobile
	Taxation	Purchase Tax for Imports on Vendor Bills Support for Per Nexus Cash Basis Tax Reporting in International Tax Reports Accounting Context Support for Tax Audit Files Spain Online VAT Register Enhancements to EU Intrastat Reporting in International Tax Reports Enhancements to Non-deductible Input Tax Feature in International Tax Reports
	User Interface	Updates to the Payment Processing Profiles Page End of Support for Safari 7 Advance Notice: Safari 8 Support Targeted to End in 2017.2 Enhancement to Help Center Search Navigation New Content Type in SuiteAnswers StickyNotes Enhancements Subsidiary Navigator Enhancements File Drag and Drop Enhancements
SuiteCommerce	SuiteCommerce Advanced Release Notes	SuiteCommerce Advanced Release Notes
	Site Management Tools	Disable Escape to Login Content URL Enhancement
	Commerce Platform	Enhanced seodebug Log Flexibility in Specifying the Related Field Sets Shopping Cart Performance Enhancement Support for Store Pickup in the Commerce API Support for Store Pickup in the Item Search API Support for Stackable Promotions in the Commerce API Shopping Cart Information Exposed to Search Enhancement to URL Components Secure Web Store Shopping Domains Single Secure Domain for Web Store Shopping and Checkout Ensure CDN Configuration and DNS Setup Are Correct Web Site Setup > Domain Subtab Optimized for Ease of Use Automatic Redirects for Secure Domains Changes to Domains in External Catalog (WSDK) Links and URLs Web Store Performance Enhancement – User Event Script Execution Context
	SuiteCommerce InStore	SCIS 2017.1 SCIS 2017.2

Product	Section	Summary
SuiteCloud Platform	SuiteBundler	<ul style="list-style-type: none"> <li>Bundle Support during Release Phasing</li> <li>New Permission for Bundle Audit Trail</li> <li>Support for Bundling SDF SuiteApp Projects</li> <li>Preserve Data Option for Bundled Custom Segments</li> <li>Bundle Support for New Release Preview Environment</li> <li>NetSuite Version Filter for Managed Upgrades</li> </ul>
	SuiteBuilder - Customization	<ul style="list-style-type: none"> <li>Enhancements to Custom Segments</li> <li>Advanced PDF/HTML Templates Available for Printing Saved Search Results</li> <li>Enhanced Management of Large Custom Lists</li> <li>Inclusion of Role in System Notes</li> </ul>
	SuiteAnalytics (Dashboards, Reporting, and Search)	<ul style="list-style-type: none"> <li>New Column Exposed in SuiteAnalytics Connect Service to Support Advanced Intercompany Journal Entries</li> <li>New Icon for Creating Report Snapshots</li> <li>New System Notes Views Exposed in SuiteAnalytics Connect Service</li> <li>Dashboard Tiles SuiteApp</li> <li>Navigation Portlet SuiteApp</li> </ul>
	CSV Import	<ul style="list-style-type: none"> <li>CSV Import Supported for Billing Records</li> <li>CSV Import Supported for Consolidated Exchange Rate Updates</li> <li>Large Custom List Imports Supported</li> <li>CSV Import Supported for Default ATP Method Data</li> <li>CSV Import Supported for Business Hours Data in the Location Record</li> <li>CSV Import Supported for Approval Status in the Time Tracking Record</li> <li>Ability to Link Purchase Orders to Vendor Bills</li> </ul>
	SuiteFlow (Workflow Manager)	<ul style="list-style-type: none"> <li>NetSuite UI Menu Location Change for SuiteFlow</li> <li>NetSuite UI Location Change for Enabling SuiteFlow</li> <li>Logging for Workflows Locked by Bundle</li> </ul>
	SuiteScript	<ul style="list-style-type: none"> <li>SuiteScript Help Enhancements</li> <li>Enhanced Security for Admin Scripting</li> <li>New SuiteScript Scheduling Permission</li> <li>Web Store Performance Enhancement – User Event Script Execution Context</li> <li>Changes to SuiteScript Handling of Header Names</li> <li>Workflow Action Script Type Extended</li> <li>Enhancement for the Deposit Record</li> <li>Prevention of Updates to Entity Field on Currency Adjustment Journal Entries</li> <li>Account ID Parameter Added to Relative URLs</li> <li>SuiteScript 2.0 – Flat File Streaming Support</li> <li>SuiteScript 2.0 – New Method for Retrieving NetSuite Domain Data</li> </ul>

Product	Section	Summary
SuiteApps		<p>SuiteScript 2.0 – New Methods for Working With Select Options</p> <p>2017.1 SuiteScript Record Exposures</p> <p>2017.1 SuiteScript Records Browser</p> <p>jQuery UI Library No Longer Loaded on NetSuite Pages</p> <p>Script Queue Monitor in Application Performance Management (APM)</p>
	SuiteTalk (Web Services) Integration	<p>Absolute Session Timeouts for Web Services</p> <p>Newly Supported Record Types for SuiteTalk</p> <p>Removal of getConsolidatedExchangeRate</p> <p>Enhanced Budget Record Support for Accounting Periods</p> <p>Localization Sublist Changes in the Account Record</p> <p>New and Modified Search Objects</p> <p>New Search Joins</p> <p>Additional Values for Enumerations</p> <p>Field Exposures to Multiple Item Types</p> <p>Release Preview Version of 2017.1 WSDL Now Available</p> <p>Araxis Merge Diff File for the 2017.1 Endpoint</p> <p>2017.1 SuiteTalk Schema Browser</p>
	SuiteCloud Development Framework (Beta)	<p>SuiteCloud Development Framework</p> <p>Command Line Interface</p> <p>SDF SuiteApp Development Support</p> <p>Ability to Convert Bundles into Account Customization Projects</p> <p>Modification of Attributes for File Cabinet Files and Folders</p> <p>Updates to SuiteCloud IDE Context Menus</p> <p>Comparison of Custom Objects in Projects with Custom Objects in NetSuite Accounts</p> <p>Updating of Multiple Custom Objects with a Single Action</p>
	SuiteApps (Bundles) Released by NetSuite	<p>Dun &amp; Bradstreet for NetSuite Integration Enhancements</p> <p>Dunning Enhancements</p> <p>Electronic Payments Enhancements</p> <p>Grid Order Management Enhancements</p> <p>Project Resource Management</p> <p>Enhancement to Mexico Compliance</p> <p>Software Vertical Contract Renewals Enhancements</p> <p>Recurring Billing Enhancements</p> <p>Script Queue Monitor in Application Performance Management (APM)</p> <p>StickyNotes Enhancements</p> <p>Subsidiary Navigator Enhancements</p> <p>File Drag and Drop Enhancements</p> <p>Fixed Assets Management Enhancements</p> <p>Support for Per Nexus Cash Basis Tax Reporting in International Tax Reports</p> <p>Accounting Context Support for Tax Audit Files</p>

Product	Section	Summary
		<a href="#">Spain Online VAT Register</a> <a href="#">Grid Order Management Version 6.0 Enhancements</a> <a href="#">Dashboard Tiles SuiteApp</a> <a href="#">Navigation Portlet SuiteApp</a> <a href="#">Auto-charge Credit Card SuiteApp</a> <a href="#">Enhancements to EU Intrastat Reporting in International Tax Reports</a> <a href="#">Enhancements to Non-deductible Input Tax Feature in International Tax Reports</a>

## Accounting

NetSuite 2017.1 includes the following enhancements to accounting features:

- [Foreign Currency Variance Posting Rules](#)
- [Enhanced GL Audit Numbering with GL Impact Locking](#)
- [Advanced Intercompany Journal Entries](#)
- [Custom GL Lines Plug-in Enhancements](#)
- [Enhancements in Advanced Revenue Management](#)
- [Summarized Intercompany Elimination Journal Entries](#)
- [Processed Intercompany Elimination Records Page](#)
- [Enhancement for Classic Revenue Recognition](#)
- [Saved Search Enhancement for Accounting Context](#)
- [Change to Xignite Provider](#)
- [Multi-Book Accounting and Subsidiary Hierarchy Modification](#)
- [Fixed Assets Management Enhancements](#)
- [Enhancement to Mexico Compliance](#)

## Foreign Currency Variance Posting Rules

Prior to 2017.1, you could not alter the default system-generated foreign exchange rate variance accounts into which realized gain and loss and unrealized gain and loss variances posted. Now, NetSuite provides the new Foreign Currency Variance Posting Rules table, which permits posting flexibility for local statutory compliance requirements. This table enables you to define subsidiary-specific account posting rules for exchange rate variances. For information about defining posting rules that specify the accounts to which foreign currency variances post, see the help topic [Defining Foreign Currency Variance Posting Rules](#).

## Enhanced GL Audit Numbering with GL Impact Locking

The GL Audit Numbering feature applies gapless numbering sequences to all GL posting transactions. Gapless GL audit numbering enables companies to meet international compliance requirements. When this feature is enabled, GL Audit Numbering is listed as a required task on the period close checklist when you close the last month in an accounting period.

Prior to 2017.1, you could set up and run GL audit numbering sequences only from the period close checklist. Now, you can also set up and run GL audit numbering sequences on demand from the Transactions > Management > GL Audit Numbering menu.

In 2017.1, you can set up and run two different types of GL audit numbering sequences:

- **Permanent** – When you select this option, you can run the GL audit numbering as often as required on demand from the menu option and as a Recurring run. Numbers assigned to GL impacting transactions cannot be changed, although the transaction details can be modified, as required. When you create this GL audit numbering sequence, NetSuite validates that there is no other existing sequence for this accounting period type and open accounting period. GL audit numbering numbers transactions until the numbering run date. Future-dated transactions are not numbered.
- **Repeatable** – When you select this option, you can run the GL Audit Numbering task as often as required for the same period. All transactions (including future-dated transactions) in the sequence are renumbered each time you run the numbering sequence.

Following are additional tasks that you can perform on demand from the Transactions > Management > GL Audit Numbering menu option:

- Review the GL impacting transactions to be numbered
- View the history of GL audit numbered transactions
- Verify the GL audit numbering status of GL impacted transactions



**Important:** You must have View level of the Manage Accounting Periods permission to see the GL Audit Numbering menu option. View level permits you to review transactions to be numbered, view transaction history, and verify the status of numbered transactions. You must have Full level of the Manage Accounting Periods permission to set up and run GL audit numbering sequences.

For more information about the GL Audit Numbering feature, see the help topic [Using GL Audit Numbering](#).

## GL Impact Locking

**GL Impact Locking is a hidden option.** If your company or your subsidiary is located in a country where the GL impact of a transaction must be locked to the GL and must not be changed, **you can request** that GL Impact Locking be enabled.

GL Impact Locking can be enabled in your sandbox or production account. To request the GL Impact Locking option, enter a case record and provide the NetSuite account number where the option should be enabled. For information on finding your NetSuite account number, see the help topic [Finding Your NetSuite Account Number](#). When the request is approved, we will manually enable GL Impact Locking.

GL Impact Locking locks the GL impact of a transaction that has been assigned a permanent GL audit number. Any change to an impacting transaction automatically generates a GL Impact Adjustment Copy and a GL Impact Adjustment Reversal transaction. These transactions display on the GL Impact subtab on the original GL impacted transaction. For more information, see the help topic [Using GL Impact Locking](#).

If you do not have NetSuite OneWorld, administrators can check the GL Impact Locking box on the company record to enable GL impact locking for all GL impacting company transactions. For details, see the help topic [Setting Up Company Information](#).

If you have NetSuite OneWorld, administrators can check the GL Impact Locking box on one or more subsidiary records to enable GL impact locking for all GL impacting transactions for those specific subsidiaries. For details, see the help topic [Creating Subsidiary Records](#).

## Advanced Intercompany Journal Entries

For OneWorld accounts, NetSuite 2017.1 introduces Advanced Intercompany Journal Entries. Prior to this release, you could specify only two subsidiaries on an intercompany journal entry: the originating subsidiary and the receiving subsidiary. Now, with the advanced version, you can specify the originating subsidiary and multiple receiving subsidiaries.

Prior to 2017.1, you could change the Currency field to the base currency of the receiving subsidiary. With the new Advanced Intercompany Journal Entries feature, you can change it to any currency set up in your system.

If you use the **Automated Intercompany Management** feature, you can now click the new **Auto Balance** button to automatically add elimination lines to balance the transaction. For example, if the net amount of a To subsidiary is a credit, NetSuite automatically adds an offsetting debit line with a receivables account.

To use Auto Balancing, go to Accounting > Accounting Preferences > Items/Transactions, then set your preferences for **Default ICJE Auto Balance Receivables Account** and **Default ICJE Auto Balance Payables Account**. For details, see the help topic [Items/Transactions Accounting Preferences](#).

If you have a OneWorld account, you have access to both versions in 2017.1. You can create advanced intercompany journal entries at Transactions > Financial > Make Advanced Intercompany Journal Entries. Regular intercompany journal entries have not been changed and are still available at Transactions > Financial > Make Intercompany Journal Entries. To use the new advanced intercompany journal entries, you must update any existing scripts or workflows that run on the original intercompany journal entries.

For more information, see the help topic [Making Advanced Intercompany Journal Entries](#).

## Custom GL Lines Plug-in Enhancements

NetSuite 2017.1 includes the following enhancements to the Custom GL Lines plug-in:

- [Cost Updates Supported in Custom GL Lines](#)
- [Expense Report Supported by Custom GL Lines Plug-in](#)

### Cost Updates Supported in Custom GL Lines

As of NetSuite 2017.1, custom GL lines plug-in implementations are triggered by cost updates. This change applies to accounts where both the Custom GL Lines Plug-in and Inventory features are enabled. In these accounts, when the cost of goods sold (COGS) changes for transactions, Custom GL Lines Plug-in implementations run asynchronously to update the GL impact of the transactions.

When a transaction is updated by the COGS engine, the GL impact is updated. This update triggers the Custom GL Lines Plug-in implementation to be run asynchronously on the transaction. After this process is complete, the GL impact is updated a second time. During the period of time this type of process is scheduled or in progress, a message is displayed at the top of the GL Impact page to indicate that the GL impact might change.

A new setup permission called Review Custom GL plug-in executions has been added. Users with the permission can view the new Review Custom GL Plug-in Executions page. The page is available to review any exceptions that occur during asynchronous custom GL update, including incomplete and failed executions. Go to Customization > Plug-ins > Review Custom Plug-in Executions to see the page. You can ignore these errors or execute the plug-in again.



## Expense Report Supported by Custom GL Lines Plug-in

Custom GL Lines Plug-in implementations can now be applied to expense reports. When you create an implementation of the Custom GL Lines Plug-in, Expense Report is available in the Transaction Types list. Select Expense Report to trigger the custom GL lines plug-in implementation after an expense report transaction is saved, approved, or rejected. For more information, see the help topic [Custom GL Lines Plug-in Overview](#).

## Enhancements in Advanced Revenue Management

NetSuite 2017.1 delivers many enhancements to the Advanced Revenue Management feature. The enhancements are in the following areas:

- [Custom Revenue Recognition Events](#)
- [Options for Foreign Currency Adjustments](#)
- [Usability Enhancements for Advanced Revenue Management](#)

### Custom Revenue Recognition Events

To increase the flexibility of revenue processing, you can now create custom revenue recognition events. Revenue recognition events trigger the creation of revenue recognition plans. Prior to 2017.1, you could use the following events to trigger revenue plan creation:

- Billing
- Fulfillment
- Project progress
- Revenue arrangement creation

To create a custom revenue recognition event, you first create a new revenue recognition event type at Lists > Accounting > Revenue Recognition Event Types > New. The Revenue Rule permission controls access to the revenue recognition event type record. The text you enter in the Revenue Recognition Event Type field on the record is displayed as an option in the Create Revenue Plans On field. The Create Revenue Plans On field is on item records on the Revenue Recognition/Amortization subtab and also on revenue elements.

After you have created the event type, you create the revenue recognition event record. You can access this record in the NetSuite application at Lists > Accounting > Revenue Recognition Events > New. However, scripting the record using SuiteScript is expected.

The purpose of the revenue recognition event record is to provide enough information to create a revenue recognition plan. The necessary information consists of a sales contract source, a value that aligns with the revenue recognition rule, and three additional required fields. The other required fields are the event type, purpose, and date.

For more information, see the help topic [Creating a Custom Revenue Recognition Event](#).

The internal IDs of standard events listed in the Create Revenue Plans On field have been changed to negative numbers to support this feature. The new standard internal IDs are as follows:

Option	Internal ID
Revenue Arrangement Creation	-1

Option	Internal ID
Billing	-2
Fulfillment	-3
Project Progress	-4

## Options for Foreign Currency Adjustments

Reclassification of deferred revenue includes a foreign currency adjustment if the exchange rate on the invoice differs from the exchange rate on the revenue recognition plan. This step of reclassification occurs only when the Multiple Currencies feature is also enabled.

Prior to 2017.1, the foreign currency adjustment always posted to the deferred revenue and income accounts set on the related item record. Now the item record lets you select a different account for the foreign currency gain or loss. The item record includes a **Foreign Currency Adjustment Account** field on the Revenue Recognition / Amortization subtab.

By default, the Foreign Currency Adjustment Account field is set to the income account set on the Accounting subtab of the item record. You may select any other account with an account type of Income, Other Income, Expense, or Other Expense. The account options include the gain and loss accounts generated by the system after qualifying revaluation transactions. The Foreign Currency Adjustment Account can be edited on the revenue element before revenue recognition plans are created.

If you want to use different accounts for foreign currency adjustments in secondary accounting books, enable the Multi-Book Accounting and Chart of Accounts Mapping features. Use item chart of accounts mapping to map the Foreign Currency Adjustment Account.

## Usability Enhancements for Advanced Revenue Management

Usability enhancements in 2017.1 are in the following areas:

- [New and Modified Accounting Preferences](#)
- [New Fields on the Item Record](#)
- [Changes Related to the Revenue Arrangement Record](#)
- [Changes on Other Advanced Revenue Management Records and Reports](#)

### New and Modified Accounting Preferences

Users with Full permission level for the Set Up Company or Accounting Preferences permissions can set the following new accounting preferences for advanced revenue management. These preferences are in the Revenue Recognition section on the General subtab of the Accounting Preferences page unless otherwise noted.

- **Unbilled Contract Asset Account** – Select the account to use for the unbilled receivable adjustment during reclassification. The default value is the system unbilled receivable account, but you can select any account with the account type Other Asset or Other Current Asset. If you want to use different accounts for unbilled receivable adjustments in secondary accounting books, enable the Multi-Book Accounting and Chart of Accounts Mapping features. Use global chart of accounts mapping to map the Unbilled Contract Asset Account.
- **Use Transaction Date as Revenue Arrangement Date** – Check this box to use the source transaction date as the date for the revenue arrangement. Clear this box to use the system date

when the revenue arrangement is created as the revenue arrangement date. This box is clear by default.

- **Use Project Date as Revenue Arrangement Date** – Check this box to use the source project date as the date for the revenue arrangement. This date is the Start Date in the Project Dates section of the project record. This preference applies to project revenue recognition configured for charge-based project billing, not to projects attached to transaction line items. Clear this box to use the system date when the revenue arrangement is created as the revenue arrangement date. This box is clear by default. This preference is available only when the Project Management feature is also enabled.
- **Revenue Plan Update Frequency** – This existing accounting preference has been modified for OneWorld accounts. Now when the Manual option is used, the subsidiary access of the logged in user determines which revenue elements have their revenue recognition plans updated. When the Automatic option is used, the behavior is the same as before. Administrator permissions are used, and all plans are updated regardless of subsidiary restrictions.
- **Default Intercompany Deferred Revenue Account** – This accounting preference is in the Accounts section of the Items/Transactions subtab. Select the account to use as the default value for the Intercompany Deferred Revenue Account on item records. To be available for selection, an account must have the Eliminate Intercompany Transactions box checked. This preference is available only when the Automated Intercompany Management feature is also enabled.

## New Fields on the Item Record

The following fields have been added to the item record:

- **Foreign Currency Adjustment Account** – This new field on the Revenue Recognition / Amortization subtab is described in detail in the section [Options for Foreign Currency Adjustments](#).
- **Intercompany Deferred Revenue Account** – This new field on the Accounting subtab lets you use a different deferred revenue account for the deferred revenue from transactions between subsidiaries. The default value is determined by the accounting preference Default Intercompany Deferred Revenue Account. To be included in the list of accounts, the Eliminate Intercompany Transactions box on the account record must be checked. This field appears on inventory type items and the following resale item types: non-inventory, other charge, and service. The Automated Intercompany Management feature must also be enabled.

## Changes Related to the Revenue Arrangement Record



The following changes have been made to the revenue management record:

- When the Enable Advanced Contract Cost Amortization preference is checked, the new **Contract Cost Accrual Date** field enables you to change the date of the deferred cost journal entry. The default is the date of the revenue arrangement. If you change the date, the current journal entry, if any, is reversed and a new one is created. Previously, the deferral journal entry date was always the same as the revenue arrangement date.
- You can change the value of the Create Revenue Plans On field on the revenue element if none of the associated revenue recognition plans have started. The field becomes read-only when a revenue recognition journal entry is created for any revenue plan associated with the revenue element. The initial value of this field is derived from the item record. Prior to 2017.1, this field became read-only when revenue recognition plans were created.
- The Update Revenue Recognition Plans popup window now includes a **Revenue Plan Type** filter. Select **Actual** to list only actual revenue recognition plans or **Forecast** to list only forecast plans. Select **-All-** to list all plans. The popup window opens when you click the View Review Plans button on the revenue arrangement and displays all revenue plans for the arrangement. When you click the Open button in the Revenue Recognition Plan column for a revenue element, the popup window

lists only the plans for that element. The Revenue Plan Type filter is also one of the Available Filters when you customize or edit revenue recognition plan lists.

## Changes on Other Advanced Revenue Management Records and Reports

The following changes have been made to Advanced Revenue Management records and reports:

- The fair value price record now includes a  icon for the Fair Value Formula field. Click the  icon to open a popup window and create a new fair value formula without leaving the fair value price record.
- You can now include fair value dimension fields in your fair value price search.
- The revenue recognition plan record has a new **Creation Triggered By** field. This field is a link to the record that triggered the revenue recognition plan creation. For example, if the revenue recognition plan is created on billing, the link is to the invoice record.
- To support period-end closing that occurs in the subsequent period, a new field has been added to the pages Schedule Revenue Recognition Journal Entries and Schedule Reclassification Journal Entries. When the new **Exclude Current and Future Periods** box is checked, eligible journal entries, excluding any for the current or future periods, are posted to the prior period. If the prior period is closed, the journal entries post to the next open period. When the box is clear, the behavior is the same as before 2017.1, and both revenue recognition and reclassification journal entries post to the current period.
- In the Billing and Revenue Summary report, the label for the Total Amount Rev. Commit column has changed. The column label is now Total Amount Planned.
- When the Enable Advanced Contract Cost Amortization preference is checked, the Revenue Recognition Forecast Summary and Revenue Recognition Forecast Detail reports include rows for contract costs. Rows are provided for contract acquisition costs, item resale costs, and item labor costs. The rows are grouped with the revenue component by status. The reports also include a new filter and a new column. The **Forecasting Components** multi-select filter has these options: Revenue Recognition (default), Contract Acquisition Cost, Item Resale Cost, and Labor Cost. Options are included in the filter only when the results include components of that type. The **Type** column follows the Element column on the reports. Its possible values are Revenue, Contract Acquisition Cost, Item Resale Cost, and Item Labor Cost.

## Summarized Intercompany Elimination Journal Entries

NetSuite 2017.1 introduces the **Use Journal Entry Summarization on Intercompany Elimination** accounting preference. When enabled, NetSuite groups similar elimination journal entries into a single, summarized journal entry line. Grouping similar elimination journal entries during the period close Eliminate Intercompany Transactions task enhances processing performance.

If the accounting preference is not enabled in your account, each elimination journal entry continues to appear on a single journal entry line.

The accounting preference is enabled by default, but you can change the state of the preference, as needed. For more information, see the help topic [Summarized Intercompany Elimination Journal Entries](#).

## Processed Intercompany Elimination Records Page

NetSuite 2017.1 provides the new Processed Records page, which lists the eliminated intercompany transactions for a specific accounting period. With the exception of summarized non-A/R and non-A/P

Balance Sheet accounts, each item listed on this page includes a link to its source transaction. This page also lists the resulting elimination journal entry for each line.

You access the Processed Records page from the Status subtab on the Task: Eliminate Intercompany Transactions page. For information, see the help topic [Run Intercompany Elimination](#).

For information about automated intercompany elimination, see the help topic [Using Automated Intercompany Management for Elimination](#).

## Enhancement for Classic Revenue Recognition

To enhance the support for elimination of intercompany deferred revenue introduced in 2016.2, the item record includes a new field on the Accounting subtab. The **Intercompany Deferred Revenue Account** field lets you select a different deferred revenue account for deferred revenue transactions between subsidiaries. Accounts are included in the list for selection only if the Eliminate Intercompany Transactions box on the account record is checked. This new field appears on inventory type items and the following resale item types: non-inventory, other charge, and service. The Automated Intercompany Management feature must be enabled.

The default value of the Intercompany Deferred Revenue Account field is determined by the new accounting preference **Default Intercompany Deferred Revenue Account**. This preference is in the Accounts section of the Items/Transactions subtab of the Accounting Preferences page when the Automated Intercompany Management feature is enabled. Users with Full permission level for the Set Up Company or Accounting Preferences permissions can set the accounting preference.

## Saved Search Enhancement for Accounting Context

In 2017.1, NetSuite added five new columns to Accounting Context saved searches. If accounting contexts are defined in your system, you can use these columns in the Account saved search and any saved search where the Account field (Account Fields list) is joined to the saved search:

- Accounting Context
- Language
- Localized Name
- Localized Number
- Localized Legal Name

For details about creating saved searches based on accounting context, see the help topic [Use Accounting Contexts in Account Saved Searches](#). For information about defining accounting contexts, see the help topic [Set Accounting Contexts](#).

## Change to Xignite Provider

In 2017.1, NetSuite changed the service it uses for the Xignite exchange rate provider from Xignite Currencies to Xignite Global Currencies because the Xignite is discontinuing the Currencies service. Xignite has also changed from Morningstar to SIX Financial Information as a data source for their exchange rates. If Xignite is your rate provider, all currency exchange rates you download going forward will be retrieved using the new service.

This change requires you to verify that all of your defined foreign currency rate pairs include only up-to-date currencies. For currencies that are outdated, it is recommended that you first consult with your accounting department. You can then create new subsidiaries with new base currencies. You can also use the Triangulation Calculation to derive foreign exchange rates.

An example of an outdated currency is ZMK, which was replaced by ZMW in January 2013.

For information about currency exchange rates and providers, see the help topic [Integrated Exchange Rate Providers](#).

## Change to Significant Digits after the Decimal

Due to the change in the service, you may experience a change to the decimal precision on some direct rates you receive from Xignite. Furthermore, if you have permitted NetSuite to use a triangulated calculation to obtain exchange rates, or you use inverse rates, rates greater than 1 will round to the 6th digit after the decimal, and rates less than 1 will have a precision of 6 significant digits. This change is effective in NetSuite 2017.1 and later, in both Sandbox and Production accounts.

For information about rate calculation, see the help topics [Triangulation Calculation](#) and [Inverse](#).

## Multi-Book Accounting and Subsidiary Hierarchy Modification

Prior to 2017.1, if Multi-Book Accounting was provisioned in your account, you could not modify your subsidiary hierarchy. This restriction has been eliminated in 2017.1. For information about planning the structure of your organization's subsidiaries, see the help topic [Planning Your Subsidiary Hierarchy](#).

## Administration

NetSuite 2017.1 includes the following enhancements to Administration features:

- Deprecation of Quicken QIF File Import
- New Options for Two-Factor Authentication
- Expanded List of Trusted Certificate Authorities
- Enhancements to Email Message Management
- For European Union Customers Only: Accessing Release Preview
- Absolute Session Timeouts for Web Services and for UI Access
- Changes to Employee Permissions
- Script Queue Monitor in Application Performance Management (APM)

## Deprecation of Quicken QIF File Import

As of 2017.1, the Quicken® QIF file import capability has been deprecated. The Setup > Import/Export > Import Quicken® QIF File menu option is no longer available.

A possible alternative is to import data from CSV files. For information about importing CSV data into NetSuite with the Import Assistant, see the help topic [CSV Imports Overview](#).

## New Options for Two-Factor Authentication

Previous NetSuite releases introduced support for Two-Factor Authentication (2FA) verification codes sent by either voice call or SMS. This 2FA feature is built into NetSuite as a no-cost alternative to the

use of RSA SecurID. The concept of trusted devices was also introduced in a previous release. Available at the discretion of administrators and applicable to all types of 2FA authentication in NetSuite, this feature enables users to specify a device as trusted to reduce the number of 2FA challenges.

NetSuite 2017.1 continues to enhance the usability and flexibility of 2FA options by enabling users to generate the necessary verification code with an authenticator application. You can select from a number of third-party authenticator apps that support the OATH TOTP standard, including Google Authenticator and Microsoft Authenticator. During setup, you can also specify an authenticator app as your primary or backup 2FA method.

For more information about 2FA access to NetSuite, see the help topic [Two-Factor Authentication](#).

## Expanded List of Trusted Certificate Authorities

You may now purchase SSL certificates for your website from any Owner and Certificate Issuer Organization displayed in the Mozilla Included CA Certificate List. To view this list, [click here](#).

You no longer are required to purchase SSL certificates from GoDaddy (with GoDaddy as the issuing authority) or Symantec (formerly VeriSign). Other restrictions and recommendations for SSL certificates remain in place.

- All SSL certificates you plan to use with NetSuite require a 2048 bit RSA private key.
- It is recommended that you purchase SSL certificates that use the SHA-2 hash function.
- We do not support the use of wildcard certificates.
- We do not support the use of Alternate Name (SAN) fields on an SSL certificate, that is, adding multiple domain names to a single certificate. Only the Subject Name on a certificate is considered. In cases where SAN fields are specified on a certificate, they are ignored.

For more information, see the help topic [Work with Custom Checkout Domains](#).

## Enhancements to Email Message Management

As of 2017.1, the following enhancements help account administrators to better manage email messages sent from their NetSuite account:

- [Undelivered Emails Saved Search](#)
- [Enhancements to Bounced Email Addresses List View](#)

### Undelivered Emails Saved Search

A new saved search, Undelivered Emails, helps account administrators analyze email deliverability problems. Accessed from Lists > Mailing > Undelivered Emails, the search results provide information logged for undelivered email messages. Fields in each log record include: Sent Date, Log Date, From, Recipients, Subject, Message-ID, and Reason. The Recipients field is a comma-separated list of the original recipients to whom a specific email message was not delivered.

The Reason, or root cause, of a specific error might refer to:

- The sending rate (similar email messages being sent too rapidly)
- Specific SMTP (Simple Mail Transfer Protocol) error states
- A message that was blocked because the recipient address was already present on the Bounced Email Addresses list



- DMARC compliance problems (SPF or DKIM settings)

A specific email message can have more than one error log record. The destination domains in the original To header determine whether a new error log record is created. Search results can be filtered by Reason, Recipients, and Log Date.

## Enhancements to Bounced Email Addresses List View

Account administrators now have a better view into the reason for a delivery failure to a particular email address. The reason code indicates whether the failure to deliver is temporary (a soft bounce) or permanent (a hard bounce). Accessed from Lists > Relationships > Bounced Email Addresses, this list helps account administrators better manage their email campaign lists.

In previous releases:

- Only the email addresses of bulk or transactional email recipients who received hard bounces appeared in the list.
- Only the bulk email recipients were evaluated against existing records in the list.
- The TTL (time-to-live) value set in Email Preferences for the **Remove email addresses from Bounced Email Address list after** field was applied only to hard bounces in the list.

In this release:

- Transactional email message addresses will also be evaluated against hard bounce records in the list. If the recipient for a transactional message matches a hard bounce record in the list, the message will not be sent.
- Bulk email message addresses will now be evaluated against soft bounce records in the list. If the recipient for a bulk message matches a soft bounce record in the list, the message will not be sent.
- Less serious problems (soft bounces) for both bulk and transitional email recipient addresses will be included in the list. A fixed length TTL will be applied to these soft bounces. The TTL assigned could be minutes or hours, depending on the specific reason code.

For more information, see the help topics [Managing Bounced Email](#) and [Viewing the Bounced Email Address List](#).

## For European Union Customers Only: Accessing Release Preview

All customers are encouraged to test their business workflows in Release Preview, and to provide feedback on the new release. Release Preview gives you the opportunity to test the new features against your own data and business processes. Release Preview can help you to identify any potential issues before your production account is upgraded to the new NetSuite version.

During the 2017.1 release cycle, customers with accounts running in European Union (EU) data centers will access their Release Preview environment in a different way. The Release Preview environment remains the same as in past releases, but the method for accessing this environment has changed.

Only users with an Administrator role initially have access to the EU Release Preview environment. These users can access it from the same URL as the production environment, such as <https://system.netsuite.com>. On the Choose Role page, the Administrator role for your Release Preview account is labeled Release Preview in the Account Type column. On the Change Role list, the Administrator role for Release Preview is indicated with an RP symbol. After a switch to the Release Preview Administrator role, the Administrator can grant other users access to the EU Release Preview



environment. Users can switch between roles in their production environment and their Release Preview environment to test the new release. For more information, see the help topic [Release Preview Test Plan](#). See also [The New Release Process](#).

**Note:** There is no change in Release Preview access for customers with accounts running in North American data centers. These customers will continue to use the URL <https://system.beta.netsuite.com> to log in to their Release Preview environments.

## Absolute Session Timeouts for Web Services and for UI Access

The Open Web Application Security Project (OWASP) provides the following guideline: All sessions should implement an absolute timeout, regardless of session activity. This timeout defines the maximum amount of time a session can be active. The session is closed and invalidated upon the defined absolute period, because the given session was initially created by the web application. After the session is invalidated, the user must authenticate (log in) again in the web application and establish a new session. The absolute session timeout limits the amount of time possible for a potential attacker to use a hijacked session to impersonate a user.

To enhance the security of your account and to comply with this guideline, NetSuite 2017.1 implements the following changes:

- For web services using the login operation, the absolute session timeout value will be set to one hour. This change takes effect when your account is upgraded to 2017.1.
- Targeted for May 2017:
  - For web services using the ssoLogin operation (Inbound SSO), the absolute session timeout value will be set to one hour.
  - For UI sessions, the absolute session timeout value will be set to 24 hours. This timeout will also affect those customers who have plug-ins that automatically refresh sessions.

If you use sessions with your web services integrations, you must ensure that your web services calls are able to handle session timeouts.

It is recommended that your integrations use sessionless protocols based on request level credentials, such as User Credentials or Token-based Authentication (TBA). See the help topic [Authentication for Web Services](#) for more information about these authentication options.

## Changes to Employee Permissions

A change to the permissions model that was originally planned for the 2017.1 release will roll out simultaneously to all accounts. This simultaneous rollout is intended to support cross-version compatibility between the 2016.2 and 2017.1 releases.

The new permissions model introduces two new permissions: Employee Search and Employee Navigation. Before this change, the Employees permission implicitly controlled access to employee search and navigation menus.

### After This Change:

- The Employee Search permission will explicitly control the ability to search employees from 2017.1 onwards.

- The Employee Navigation permission will give access to the navigation menus for employees, for example, Lists > Employees from 2017.1 onwards.

From 2017.1 onward, when you customize or create a role that requires access to employees, you will need to make sure the Employee Search and Employee Navigation permissions are included for the role.

Any customized roles created prior to this change that have the existing Employees permission will be updated automatically to include the Employee Search and Employee Navigation permissions. To maintain existing behavior, do not remove these permissions.

## Banking

NetSuite 2017.1 includes the following enhancement to banking features:

- [Change to Displaying Negative and Positive Transactions in Reconciliation](#)
- [Change to Automatic Transaction Matching](#)

### Change to Displaying Negative and Positive Transactions in Reconciliation

NetSuite 2017.1 changes the types of transactions that the Reconciliation pages display. Prior to this release, NetSuite filtered out certain transaction types that had a negative amount. Now, to display all transactions on the Reconciliation pages, go to Setup > Accounting > Preferences > Accounting Preferences > General and check the Show All Transaction Types In Reconciliation box. This preference is disabled by default. When this preference is enabled, the Reconcile Bank Statement and Reconcile Credit Card Statement pages display:

- Negative amount transactions that are a Check, Credit Card Refund, Bank Transfer, Cash Sale, or Bill Credit
- Positive amount transactions that are a Deposit, Credit Card Charge, Bank Transfer, Liability Payment, Bill Payment, Sales Tax Payment, or Expense Report
- Custom transactions

For details, see the help topic [General Ledger](#).

### Change to Automatic Transaction Matching

NetSuite 2017.1 changes the way Auto Match runs the default system rules. There is no change to how you run Auto Match or manually match transactions.

Auto Match identifies a match for an imported statement transaction if an existing NetSuite account register transaction meets the criteria from the system default matching rules. Now, Auto Match prioritizes the rules in the following order:

- [Match on Document Number](#)
- [Match on Numeric Value of Check Number](#)
- [Match on Date and Amount](#)

Also, NetSuite no longer performs Auto Match on cleared transactions or transactions that you are saving for reconciliation at a later time.

For details, see the help topic [Using Auto Match for Online Bank Statements](#).

## Customer Relationship Management (CRM)

NetSuite 2017.1 includes the following enhancements to CRM features:

- [Case Alerts \(Beta\)](#)
- [Enhancements to the Customer Dashboard](#)
- [Performance Metrics for Support Cases](#)
- [Links to Case Reply Attachments](#)
- [Quick Note Field on Case Records](#)
- [System Template Categories](#)
- [Dun & Bradstreet for NetSuite Integration Enhancements](#)

### Case Alerts (Beta)

In 2017.1, support managers and representatives can now enable the sending of automatic custom email alerts to individuals and groups associated with a case. Alert criteria is set using the results from a case saved search. For example, you can set an alert for support managers to warn them in advance of any potential SLA infringements. For more information, see the help topic [Case Alerts on Support Cases](#).



**Warning:** Case Alerts 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 produce 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.

### Enhancements to the Customer Dashboard

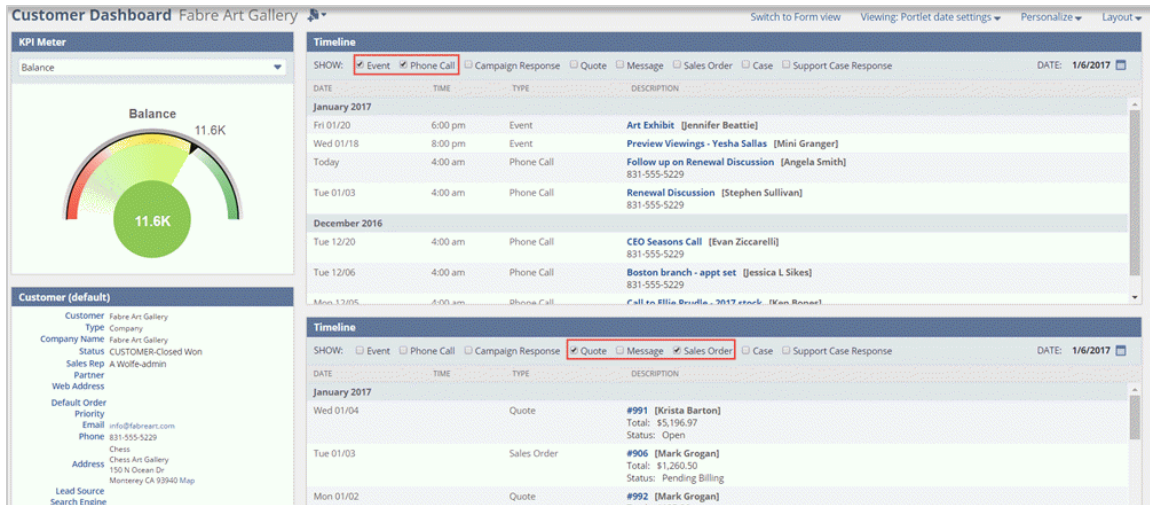
In 2017.1, a number of functional and visual enhancements have been made to the customer dashboard. These enhancements provide users a more dynamic perspective of their customers' activities. For more information on the Customer Dashboard, see the help topic [Customer Dashboards](#).

### Customer Dashboard Default View Preference

A preference has also been added to allow the Customer Dashboard to be set as the default view when viewing a customer record. You can enable the **Set Customer Dashboard as Default View on Customer Record** preference at Home > Set Preferences > Appearance on the Appearance subtab.

### Timeline Portlet on Customer Dashboard

A new Timeline portlet is available on the Customer Dashboard. The portlet provides users with a complete view of recent customer activity against any time-based record. Three instances of the portlet can be displayed on the customer dashboard, providing perspectives on specific aspects of customer activity. Links on each description allow the user to quickly drill down to more detail.



## Performance Metrics for Support Cases

Support managers and representatives now have access to a comprehensive set of metrics for analyzing and tracking support performance, especially those relating to SLAs (service level agreements). Metrics for individual cases can be found on a dedicated Metrics subtab, accessible from the case record.

Communication	Related Records	Escalations	Metrics	Time Tracking	System Information	Sales Associate
Duration						
TIME ELAPSED 3 days 17 hrs			TIME ON HOLD 9 hrs			
TIME OPEN 3 days 8 hrs			TIME TO CLOSE			
TIME TO ASSIGN 2.5 hrs			INITIAL RESPONSE TIME 4.5 hrs			
Basic Information						
DATE CREATED 04/01/2017 08:27			DATE CLOSED			
FIRST UPDATED 04/01/2017 09:27			LAST MODIFIED DATE 07/01/2017 08:12			
DATE LAST REOPENED						
Interactions						
SUPPORT FIRST REPLY 04/01/2017 12:57			LAST CUSTOMER MESSAGE RECEIVED 06/01/2017 20:35			
LAST MESSAGE DATE 06/01/2017 22:47						
Issue Management						
FIRST ISSUE ATTACHED 04/01/2017 16:27			LAST ISSUE ATTACHED 06/01/2017 23:27			
FIRST ISSUE REMOVED 05/01/2017 18:27			LAST ISSUE REMOVED			

These metrics are also available as search filters in a Case saved search and can be used for dashboard portlets. For more information, see the help topic [Performance Metrics for Support Cases](#).

Support metrics can be used in conjunction with the Case Alerts feature. For example, a support manager could receive a case alert notifying them of any cases which have been on hold for more than 24 hours. Support metrics can be compiled into reports, providing managers with month-on-month monitoring capabilities.

## Links to Case Reply Attachments

Prior to 2017.1, when customers included files with support case submissions or with replies, all files could be opened only from the Files subtab.

Now, a link to the attached file is shown in the Attachments column on the Communication subtab in the list of replies. This column can contain up to five links to attachments for each reply. If a reply has more than five files attached, a link to the Attachments subtab of the message is provided.

For more information on case replies, see the help topic [Working With Cases](#).

Incident Information

INCIDENT DATE  
7/14/2006 5:10 pm

MODULE

ORIGIN  
Phone

ITEM  
Accessories : Ergonomic Keyboard

TYPE  
Problem

INBOUND EMAIL ADDRESS

PRODUCT


CASE ISSUE  
Hardware DOA

CommunicationRelated RecordsEscalationsMetricsTime TrackingSystem InformationSales Associate

Messages • ActivitiesFilesUser Notes

VIEW  
Case Default

EmailAttachLetterPDFFaxRefreshView HistoryCustomize View

#	VIEW	DATE ▼	AUTHOR	MESSAGE	EMAIL SENT	RECIPIENT	CC	FILES	ATTACHMENTS	INTERNAL ONLY	REMOVE
1	<a href="#">View</a>	12/18/2016 11:50 pm	A Wolfe-admin	Provisioning RMA number - requested image of keyboard	Yes	Cheese Factory		 Yes	<a href="#">ad_bb_bkg_cameras.jpg</a>	No	<a href="#">Remove</a>
2	<a href="#">View</a>	10/2/2016 8:37 pm	Cheese Factory	The new ergo keyboard we just recieved is broken. Can we get an RMA number to return it?	No		No	No		No	<a href="#">Remove</a>

## Quick Note Field on Case Records

In 2017.1, a new Quick Note field has been added to the Primary Information section of case records. This field can contain up to 250 characters and can be used to make notes on a case outside of the case details.

You can add notes in this field directly on the case list with inline editing enabled, and the field is available in saved searches and in SuiteScript.

For information on customizing list views, see the help topic [Customizing List Views](#).

## System Template Categories

In NetSuite 2017.1, folder categories have been added to system templates. Folder categories enable more effective organization and selection of templates. When selecting a template, the available templates are context-sensitive. You will see only those templates that are relevant to the area of NetSuite you are working in. Accounts will automatically be updated when upgrading to 2017.1. In instances where a template's categorization is not obvious, NetSuite makes them available in all areas. You can also assign a template for use in more than one category, enabling generic response templates.

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

## Employee Management

NetSuite 2017.1 includes the following enhancements to employee management features:

- Employee Center Portlet Enhancements
- One Payroll Service
- Time Rejection Note
- Restrict Expense Category per Subsidiary
- Time Threshold Enhancements
- Time Entry Exceptions Report Enhancements

## Employee Center Portlet Enhancements

In NetSuite 2017.1, the following portlets are new:

- **Expense Reports:** In the Expense Reports portlet, you can view the status of up to five of your latest submitted expense reports. You can also click the **Enter Expense Report** button to enter new expense reports. Links to your expense reports are no longer available from the Home Links portlet. To use this portlet, an administrator must enable the expense reports feature.
- **Purchases:** In the Purchases portlet, you can view the status of up to five of your latest submitted purchase requests or requisitions. You can click the Enter Purchase Request button or the Enter Requisition button to enter new purchase requests or requisition. Links to your purchase requests or requisitions are no longer available from the Home Links portlet. To use this portlet, an administrator must enable the Purchases or Requisitions feature.
- **Payroll:** In the Payroll portlet, you can see the status of your last five paychecks, and you can view your Form W-4 information. Paycheck amounts are hidden by default. You can view paycheck amounts by clicking the eye icon. You can no longer access your paycheck history and Form W-4 from the Home Links portlet. To use this portlet, your company must be using the NetSuite Payroll service.

Additionally, the **Reminders** portlet has been improved to show you the information that you need. If you approve expense reports, purchase requests, or requisitions, reminders for these approvals are automatically included in your Reminders portlet.

## One Payroll Service

In 2016.2, NetSuite offered two types of payroll services: Premier Payroll and Enhanced Premier Payroll (in earlier releases, Basic Payroll was also supported). In NetSuite 2017.1, all Premier Payroll customers will start using the Enhanced Premier Payroll service, which is now renamed to **NetSuite Payroll**.

Former Premier Payroll customers can now perform the following tasks with the NetSuite Payroll service:

- Process payroll batches that support thousands of paychecks per payroll
- Add employee paychecks to and remove employee paychecks from a calculated batch
- Change payment options in a calculated batch
- Modify a calculated paycheck from within the payroll batch
- Pause payroll calculations
- Bulk edit values for earnings, deductions, taxes, and contributions across multiple paychecks within a batch
- Derive pay rates using a multiplier of a linked payroll item

Because of this change, in the Employees tab of the Enable Features page (Setup > Company > Setup Tasks > Enable Features > Employees), the following features have been removed:

- Payroll Service (this feature is included in NetSuite Payroll)
- Enhanced Premier Payroll (this feature has been replaced with the NetSuite Payroll feature)
- Service Printed W-2s and 1099s (this feature is included in NetSuite Payroll)
- Direct Deposit (this feature is included in NetSuite Payroll)

For more information about the changes to NetSuite Payroll in 2017.1, see [Introduction to NetSuite Payroll in 2017.1](#). For the full Payroll User Guide, see the help topic [Payroll](#).

## Time Rejection Note

When rejecting time entries with advanced approvals, you can now send a rejection note to be included with the notification. Previously, no rejection notification was sent when a time entry was rejected. Rejection notifications are available only when the advanced approvals and employee email notification preferences are enabled. Without email notifications enabled, a rejection note can be recorded on the time entry but no notification is sent to the employee.

When approving or rejecting multiple time entries, employees receive a single notification with a list of approved or rejected time entries. You may enter only a single rejection note when rejecting multiple entries at the same time. The note will be copied to the Rejection Note field of each time entry. If an entry is rejected multiple times, only the latest rejection note appears in the Rejection Note field.

Time rejection notes are available with both Time Tracking and Weekly Timesheets. For more information, see the help topic [Advanced Approvals](#).

## Restrict Expense Category per Subsidiary

In NetSuite OneWorld 2017.1, expense categories can now be restricted based on subsidiary. When creating or editing an expense category, you can select the subsidiaries the category is available to. The list of available subsidiaries is filtered based on the subsidiaries available to use the selected expense account or expense item.

When adding a subsidiary to an expense account, the subsidiary is not automatically added to associated expense categories. The added subsidiary will be available in the list of subsidiaries on the expense category record. You must manually update the expense category record to add the additional subsidiary. When employees enter expense reports, only expense categories available to the employee's subsidiary will be available for selection.

For more information, see the help topic [Understanding Expense Categories](#).

## Time Threshold Enhancements

There are two new preferences when setting up time thresholds for Timesheets and Time Tracking features. With Require Time for Working Days, you can now require time to be entered for each working day. Working days are determined by each employee's selected working calendar. This preference is available only if you also use the advanced approvals preference. With Perform Limit Check on Approval Action, you can also have NetSuite perform a limit check as entries are being approved. Previously, entries were checked only upon submission. To enable these preferences, go to Setup > Accounting > Accounting Preferences > Time & Expenses.



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

## Time Entry Exceptions Report Enhancements

The following new columns have been added to the Time Entry Exception report to support weekly timesheets.

- Submitted Hours – The total approved or pending approval hours for the selected period. The Submitted Hours column is available only when the Advanced Approvals on Time Records preference is enabled.
- Work Calendar Timesheets – The total expected timesheets during the selected time period based on the employee's work calendar.
- Empty Timesheets – The total number of timesheets without any time entries for the selected time period.
- Filled Timesheets – The total number of filled timesheets for the selected time period. Click the total filled timesheets to go to a list of current timesheets.

For more information on the Time Entry Exceptions report, see the help topic [Time Entry Exceptions Report](#).

## Order Management

NetSuite 2017.1 includes the following enhancements to order management features:

- Promotion Enhancements with SuitePromotions
- Enhancements in Automatic Location Assignment Rules
- Automatic Location Assignment Configuration Field on Sales Order
- Default Automatic Location Assignment Configurations
- Store Pickup
- Exceptions on Fulfillment Request Record
- Pickup Hold Field on the Fulfillment Request Record
- Automation for Pickup Orders
- Pickup Order Notifications
- Business Hours on Location Record
- Buffer Stock for Store Pickup
- New Subsidiary Field on Automatic Location Assignment Configuration Record
- Updates to the Payment Processing Profiles Page
- Dunning Enhancements
- Electronic Payments Enhancements
- Grid Order Management Enhancements
- Recurring Billing Enhancements
- Software Vertical Contract Renewals Enhancements
- Grid Order Management Version 6.0 Enhancements
- Auto-charge Credit Card SuiteApp



## Promotion Enhancements with SuitePromotions

The SuitePromotions features deliver a next generation promotion engine in Release 2017.1 that provides improved performance combined with scalable and functionally enriched promotions.

SuitePromotions are available for items, orders, and shipping. Each promotion type has a unique, intuitive promotion form, making it quicker and easier to create complex promotions.

SuitePromotions can take advantage of a range of new features:

- [Stackable Promotions](#)
- [Auto-Apply Promotions](#)
- [Best Offer](#)

### Stackable Promotions

The Stackable Promotions feature lets you apply multiple promotions to an order or transaction.

Customers are no longer limited to one promotion per transaction. Any combination of item promotions, order promotions, and shipping promotions can be added to an order.

To use Stackable Promotions, you must enable the SuitePromotions feature. To enable SuitePromotions, go to Setup > Company > Setup Tasks > Enable Features. On the Transactions subtab, under Sales, check the SuitePromotions box, and click Save.

On the promotions form, you can select whether a promotion can be stacked or if it is exclusive and not combined with other promotions.

The Stackable Promotions feature works in conjunction with the Auto-Apply Promotions feature. Multiple eligible promotions can be automatically added to a transaction.

For more information, see the help topic [Applying Stackable Promotions](#).

### Auto-Apply Promotions

The Auto-Apply Promotions feature automatically adds eligible promotions to a transaction.

To use the Auto-Apply Promotions feature, you must first enable it. To enable Auto-Apply Promotions, go to Setup > Company > Setup Tasks > Enable Features. On the Transactions subtab, under Sales, check the Auto-Apply Promotions box, and click Save.

By default, any eligible promotion that can be automatically applied is added to a transaction. On the promotion form you can determine whether a promotion can be automatically applied. You can also disable Auto-Apply on the transaction when needed, allowing promotions to be manually applied. When changes are made to a transaction, the Auto-Apply Promotions feature recalculates which promotions the transaction is eligible for.

For more information, see the help topic [Automatically Applying Promotions](#)

### Best Offer

When multiple promotions can be added automatically to a transaction, including exclusive promotions, you need to apply the correct combination of promotions. SuitePromotions always applies the promotion or promotions that give your customers the best offer available. If you have many promotions running at the same time, Best Offer in combination with the Auto-Apply Promotions feature saves you valuable time and ensures customer satisfaction.

For more information, see the help topic [How Best Offer is Applied](#).

## Enhancements in Automatic Location Assignment Rules

NetSuite 2017.1 offers new options in automatic location assignment rules. These options improve flexibility when creating automatic location assignment rules and optimize location assignment. You can now create rules that are only evaluated for line items that have specific attributes. You can also limit fulfillment locations in a rule to a predefined list of locations. For more information, see the help topic [Creating Automatic Location Assignment Rules](#).

### Apply Rules Based On Line Item Saved Searches

You can now create rules that are evaluated according to the attributes of the line items in a sales order. This provides more detailed control over how NetSuite automatically assigns locations. Automatic location assignment evaluates location assignment rules on a line by line basis. To evaluate a rule based on the attributes of a line item, you can specify a line item saved search in the rule. If the line item in the sales order has the specified attributes, automatic location assignment evaluates the rule. Otherwise, automatic location assignment skips the rule and evaluates the next rule in the configuration, if one exists.

For example, you might create a line item saved search for heavy articles that you want to ship from a specially equipped warehouse. If a sales order contains a line item whose weight matches the saved search criteria, NetSuite evaluates the rule. NetSuite does not evaluate other line items that do not match the criteria. Line item saved searches must have a minimum set of criteria and must be created separately on the Saved Transaction Search page.

### Limit to Specific Locations in a Rule

NetSuite 2017.1 lets you select specific locations in an automatic location assignment rule. Specifying a set of individual locations in a rule provides greater flexibility and precision when creating rules. For maximum flexibility, you can combine this capability with a line item saved search in the rule.

## Automatic Location Assignment Configuration Field on Sales Order

When creating a sales order, you can now specify the automatic location assignment configuration you want NetSuite to use. To show the field, you must create a customized sales order form. In the customized form, check the Show box next to the Automatic Location Assignment Configuration field under the Screen Fields subtab. You can rename the field to suit your business needs.

If a default configuration is set for your subsidiary, it is selected in the Automatic Location Assignment Configuration list when you open the sales order form. The default configuration can be changed on the sales order in either of the following ways:

- Selecting another configuration from the Automatic Location Assignment Configuration field on the sales order (if it is displayed).
- Use SuiteFlow or SuiteScript to change the configuration programmatically.

For more information about the automatic location assignment configuration field, see the help topic [Assigning Locations Automatically in a Sales Order](#).

**Note:** NetSuite uses the default configuration for all sales orders even if the Automatic Location Assignment Configuration field is not displayed on the sales order form.

## Default Automatic Location Assignment Configurations

When you select an automatic location assignment configuration for a subsidiary, the selected configuration is now the “default” configuration instead of the “active” configuration. NetSuite uses the default configuration for a sales order as a fallback if a configuration has not been specified manually or by SuiteScript.

Define the default automatic location assignment configuration for your company on the Advanced Order Management Setup page. In a OneWorld account, you can define a default configuration for each subsidiary. For more information, see the help topic [Managing Automation Settings for Automatic Location Assignment](#).

## Store Pickup

Store Pickup is a new feature in 2017.1. Contact your account manager regarding access to the Store Pickup feature. Store Pickup lets you create sales orders that customers can collect from a retail location at a later time or date. You can use the Store Pickup feature standalone or with the Fulfillment Request feature to better manage exceptions in the store pickup fulfillment workflow. The main aspects of working with the Store Pickup feature include:

- Setting up locations and items for store pickup.
- Creating a sales order with the fulfillment choice field set to Store Pickup and a valid store pickup location.
- Picking items from store shelves and creating a store pickup fulfillment record.
- If items are not available at the store, you can cancel fulfillment of the items. With the Fulfillment Request feature enabled, you can enter fulfillment exceptions to better manage how to fulfill the order.

To enable the Store Pickup feature, go to Setup > Company > Setup Tasks > Enable Features. On the Transactions subtab, check the Store Pickup box under Shipping & Receiving and then click Save. For more information, see the help topic [Store Pickup](#).

## Exceptions on Fulfillment Request Record

When you use the Store Pickup feature with the Fulfillment Request feature, you can now create fulfillment exceptions. A fulfillment exception is a deviation from the expected fulfillment workflow, typically because of inventory problems. Two types of exceptions are available: Picking and Picking Up. You can enter the Picking exception type before or during the picking stage. You can enter the Picking Up exception when the customer visits the store to collect the items. The main aspects of working with fulfillment exceptions include the following:

- Entering picking exceptions during the picking stage of order fulfillment.
- Requesting customer feedback about how to proceed with the order.
- Entering instructions to continue with fulfillment.
- Acknowledging instructions at the store and fulfilling the order.

Using fulfillment exceptions lets you enter, view, and resolve problems related to the picking and collection of store pickup orders. You enter the fulfillment exceptions in the Fulfillment Exceptions

subtab on the fulfillment request record. For more information, see the help topic [Fulfillment Request Exceptions](#).

## Pickup Hold Field on the Fulfillment Request Record

The Pickup Hold field on the fulfillment request record is new in 2017.1. It is used as a secondary status of the fulfillment request record when there are fulfillment exceptions in the store pickup workflow. The field indicates when customer feedback is required, when customer feedback has been received and fulfillment instructions entered, and when the instructions have been acknowledged. Both store employees and customer service employees use the field to manage their tasks in the store pickup workflow. NetSuite updates the field automatically as fulfillment exception lines are entered or updated in the fulfillment request record.

## Automation for Pickup Orders

In NetSuite 2017.1, automation for pickup orders is now separate from automation for shipping orders. Automation for pickup orders enables NetSuite to create fulfillment requests automatically when store pickup orders are created. You can run automation for pickup orders on the Advanced Order Management Setup page. For more information, see the help topic [Automation for Fulfillment Requests](#).

## Pickup Order Notifications

The Fulfillment Request feature in 2017.1 lets you send email notifications to customers when all items in a fulfillment request have been picked and the order is ready to be picked up at the store. A standard email template is provided, but you can create your own template to suit your business needs. For more information, see the help topic [Store Pickup Email Notifications](#).

## Business Hours on Location Record

As part of the Store Pickup feature in 2017.1, you can now enter business hours on the location record. To enter business hours, open a location record and enter the start and end times for each day of the week under the Business Hours subtab. If you offer a same day pickup service, you can also specify the cut-off time for same day pickup orders.

If you sell items through a website, such as the web store provided with NetSuite SuiteCommerce, you can display the business hours on your website. You can also inform your customers of the cut-off time for same day pickup orders. For more information, see the help topic [Defining Store Business Hours](#).

## Buffer Stock for Store Pickup

The buffer stock field on the location record is now used by both the Automatic Location Assignment feature and the Store Pickup feature. When you enable either of these features, the field is displayed in the header of the location record. You use the buffer stock field to manage the level of inventory to maintain in-store when assigning line items to fulfillment locations. The buffer stock field on the location record is now displayed in the header fields of the record. Previously, it was displayed on the Automatic Location Assignment subtab on the location record.

The buffer stock you enter on the location record applies to all items at the location. You can also specify buffer stock at the item level. The buffer stock field on the item record only appears when the Store Pickup feature is enabled. To enter store pickup buffer stock for an item, open the item record

and enter the quantity in the Buffer Stock field in the Location sublist. Buffer stock on the item record overrides buffer stock on the location record.

## New Subsidiary Field on Automatic Location Assignment Configuration Record

When creating automatic location assignment configurations, you must now select the subsidiary for the configuration. If you do not have a OneWorld account, NetSuite uses the company as the subsidiary. If you have a OneWorld account without any subsidiaries, NetSuite uses the parent subsidiary as the subsidiary.

## Items and Inventory Management

NetSuite 2017.1 includes the following enhancements to items and inventory management features:

- Vendor Dashboard
- Intercompany Transfer Order Enhancements
- In-Transit Accounting and Group Average Costing
- In-Transit Ownership
- Commit Orders Scheduling Enhancements
- Purchase Order Form Enhancements
- Demand Planning Change

### Vendor Dashboard

The vendor dashboard enables you to see vendor data pulled from vendor records without having to search records individually. To view the vendor dashboard, click the View Dashboard icon on the vendor record or on a row in the vendor list.

By default, a vendor dashboard includes the following portlets and more:

- A Key Performance Indicators portlet displaying important summary data for the vendor
- A Dashboard Links portlet with links to reports related to the vendor
- A list portlet displaying the vendor's transactions

You can also personalize the content and setup of the vendor dashboard portlets.

### Intercompany Transfer Order Enhancements

Previously, the Use Item Cost as Transfer Cost preference was not available on intercompany transfer orders. On intercompany transfer orders, the transfer price was always used for transferring inventory. Also, partial fulfillments of intercompany transfer orders were not allowed.

In 2017.1, you can set the Use Item Cost as Transfer Cost preference on intercompany transfer orders. The default selection for this setting is based on your selection at Setup > Accounting > Accounting Preferences in the Use Item Cost as Transfer Cost field. Note that this preference applies to transfer orders and intercompany transfer orders.

Also, using 2017.1, orders can now be partially fulfilled when the Use Item Cost as Transfer Cost preference is enabled.

If you use the Multi-Book Accounting feature in a NetSuite OneWorld account, the following applies for transfer orders:

- If a secondary accounting book exists in the source subsidiary but does not exist in the destination subsidiary, then the destination subsidiary does not post a cost at the time of the transfer.
- If a secondary accounting book exists in the destination subsidiary but does not exist in source subsidiary, then the transfer cost in the primary book is used as the transfer cost when posting in the secondary book.

## In-Transit Accounting and Group Average Costing

Previously, in-transit items were excluded from Group Average Costing calculations. Now, if you use the Group Average Cost feature, when you calculate, balance, and report on group average cost items, you can include the account values for group average cost items that are in transit for more accurate calculations and reporting. To do so, enable the accounting preference to Include In-Transit in Group Average Cost Calculations at Setup > Accounting > Accounting Preferences.

## Balance Location Costing Group Accounts Update

Prior to 2017.1, any general ledger adjustment generated during the Balance Location Costing Group Accounts bulk process posted to the ledger using an Inventory Adjustment transaction. Starting with 2017.1, any general ledger adjustment generated during the Balance Location Costing Group Accounts bulk process posts to the ledger using a journal entry.

## In-Transit Ownership


You can choose when the transfer of ownership occurs for items being transferred between locations. Ownership can transfer either at the time of shipping or the time of receipt.

For example, Location A is transferring 10 widgets to Location B. In some cases, you may want Location B to take ownership when the item is received. In other cases, you may want Location B to take ownership as soon as the item is shipped.

For transfer orders and intercompany transfer orders, use the following default international commercial terms (incoterms) to define transfer of ownership:

- **Ex Work (EXW)** – inventory ownership is transferred at the shipping point
- **Delivered at Place (DAP)** – inventory ownership is transferred at the destination point

On a transfer order form under Classifications, choose the appropriate incoterm in the Incoterm field. Be aware that the incoterm you select impacts accounting and inventory information.

 **Note:** When creating a transfer order, you can only select EXW or DAP. After the order status is pending approval or pending fulfillment, you can choose another incoterm.

At Setup > Accounting, select your default setting in the Default Transfer Order Incoterms field.

You can create additional incoterms as necessary.

## Commit Orders Scheduling Enhancements

Previously, on the Commit Orders form, to identify items to commit, you needed to source a previously saved search. Now, you can specify search criteria directly on the Commit Orders form to identify items

to commit. Clear the Use Schedule Criteria box to source a previously saved search. Check the Use Schedule Criteria box to enter search criteria on the form. When you save the schedule, the new search is saved in NetSuite.

## Purchase Order Form Enhancements

You can now customize forms to choose whether the Items subtab or Expenses subtab shows by default on top on the following transactions:

- Requisitions
- Purchase Orders
- Blanket Purchase Orders
- Item Receipts
- Vendor Bills



**Note:** You must check the Allow Expenses on Purchase Orders Accounting box to use the Expenses subtab.

## Demand Planning Change

Unapproved sales orders are no longer considered as demand during supply planning and safety stock is always planned in stock units.

Previously, unapproved sales orders were included as demand during supply plan generation. This could result in the generation of a supply plan that recommended creating purchase orders and transfer orders without a corresponding approved sales order. To support better internal control and recommend only approved demand for purchase orders and transfer orders, NetSuite no longer includes unapproved sales orders when considering demand during supply plan generation.

Also, in certain situations, safety stock was previously planned in base units rather than stock units. To ensure consistent and accurate safety stock planning, NetSuite now always plans safety stock in stock units.

## Projects

NetSuite 2017.1 includes the following enhancements to Projects features:

- Charge-Based Billing Enhancements
- Void Time Improvements
- Support for Time-Off Management
- Project Resource Management

## Charge-Based Billing Enhancements

A new type of project revenue recognition rule is now available to recognize revenue as actual charges are generated. With as charged project revenue rules you can recognize the revenue from actual

project charges as they are created rather than when they are billed. You can add multiple charge rules of differing types to an as charged project revenue rule. Each added charge rule must have no charges in the billed state. A new accounting preference is also available to consider charges in the Hold state as revenue. To create a new as charged project revenue rule, on the project record, go to Financial > Project Revenue Rules and click the New As Charged Rule button.

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

NetSuite has changed the way charges are updated on projects. Automatic charge runs now take into account the set time zone for the company or subsidiary. Previously, charge runs for charges and forecasts only took into account the region in which the headquarters of each company was located. A new project preference is available to limit the refreshing of forecasts when projects are updated. The Forecast Charge Run on Demand preference is disabled by default. When enabled, forecasts will be updated only when manually generated or with the regular nightly charge run. Enabling this preference can help alleviate any potential performance issues from forecast updates. When manually triggered, a bar appears at the top of the project with a time estimate for the availability of the updated charges or forecasts. This bar remains visible and updates each time the project is refreshed until the charge run is complete.


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

You can now reopen a project that had been marked as completely billed. Previously, after a project was marked as completely billed, the project could not be reopened. Now, a completely billed project includes an Open Project button. Clicking the Open Project button reopens the project and creates reversal journal entries for any reconciling entries made when the project was marked as completely billed.

For more information, see the help topic [Project Revenue Reconciliation](#).

## Void Time Improvements

When voiding time for job costing, if your company uses reversing journals, you can now select the accounting period. All open accounting periods are available in the Posting Period field. Each reversing journal entry created is dated with the date of posting. Depending on your company's accounting settings, it may be possible to void time for transactions outside the selected period.

 **Note:** If your company does not use the Void Transactions Using Reversing Journals preference, the Posting Period field is not available.

To void time for job costing in a selected period, go to Transactions > Financial > Void Time. In the Posting Period field, select the accounting period you want to post voided time to. Check the box next to each time transaction you want to void. When you have finished, click Submit.

For more information, see the help topic [Voiding Time Transactions](#).

## Support for Time-Off Management

In NetSuite 2017.1, approved time off is accounted for when scheduling planned time. Previously, an employee's work calendar, which may or may not include time off, was used for scheduling planned time. When new planned time is created for an employee, NetSuite now takes into account any submitted time off and adjusts the project plan accordingly. If time off is submitted after the creation of planned time, the project must be recalculated for adjustments to occur.

For more information, see the help topic [Scheduling Project Tasks](#).



## Mobile

Available from late Spring, 2017, version 5.1.0 of NetSuite for Android includes the following enhancements:

- We now include support for PDF file attachment on expense reports.
- We have improved the expense report workflow. Creating expense reports is now quicker and more intuitive.
- The UI design has been overhauled, providing a more streamlined and less cluttered look and feel.
- We have fixed various bugs and made significant performance improvements.


## Taxation

NetSuite 2017.1 includes the following enhancements to taxation features:

- [Purchase Tax for Imports on Vendor Bills](#)
- [Support for Per Nexus Cash Basis Tax Reporting in International Tax Reports](#)
- [Accounting Context Support for Tax Audit Files](#)
- [Spain Online VAT Register](#)
- [Enhancements to EU Intrastat Reporting in International Tax Reports](#)
- [Enhancements to Non-deductible Input Tax Feature in International Tax Reports](#)

## Purchase Tax for Imports on Vendor Bills

In NetSuite 2017.1, you can track and report import VAT/GST separately on vendor bills. The Set Up Taxes and Tax Code pages for all countries except the United States have been enhanced to support purchase tax on import.

 **Note:** Tax reporting for imports is currently not supported for Australia, Canada, and Japan.

The following fields are now available on the Set Up Taxes page for all nexuses except the U.S.:

- **Tax Code for Exports** – Select the default tax code for orders placed by international customers. In previous versions, this field is labeled as **Tax Code for International Sale**.
- **Tax Code for Imports: Service Items** – If you have services provided to you from outside your country (or outside the EU for EU member states), you are required to pay import VAT for such services. Select the default tax code that you want to use to report tax for such services. This value will be used for reporting purposes on your tax returns.
- **Tax Code for Imports: Non-Service Items** – If you import goods outside your country (or outside the EU for EU member states), you may be required to pay import VAT to the tax agency. Select the default tax code that you want to use to report the tax values on your tax returns.

For more information, see the help topic [Setting Tax Preferences](#).

The following fields are now available on the Tax Code page for all countries except the U.S. In previous versions, these fields are available only for the EU countries:

- **Notional Rate Derived From**
- **Reverse Charge Code**

- **Applies to Services**

For more information, see the help topic [Creating Tax Codes - Other Nexuses](#).

## User Interface

Be aware of the following upcoming changes to the NetSuite user interface (UI):

- [Updates to the Payment Processing Profiles Page](#)
- [End of Support for Safari 7](#)
- [Advance Notice: Safari 8 Support Targeted to End in 2017.2](#)
- [Enhancement to Help Center Search Navigation](#)
- [New Content Type in SuiteAnswers](#)
- [StickyNotes Enhancements](#)
- [Subsidiary Navigator Enhancements](#)
- [File Drag and Drop Enhancements](#)

## Updates to the Payment Processing Profiles Page

The Payment Processing Profile page now contains a complete list of available gateway integrations (SuiteApps) that you can install in your account. This list of SuiteApps is updated automatically, letting you see the latest integrations and payment options they offer.

To set up a new payment processing profile, go to Setup > Accounting > Payment Processing Profiles > New. If the gateway integration is installed in your account, Click Add Profile. Otherwise, click Install. Then, return to the Payment Processing Profile page, and click Add Profile.

Payment Gateway Integrations	
ACTION	NAME
<a href="#">Install</a>	Adyen
<a href="#">Install</a>	AltaPay
<a href="#">Add Profile</a>	CyberSource
<a href="#">Install</a>	eWay
<a href="#">Add Profile</a>	Merchant e-Solutions
<a href="#">Install</a>	Moneris
<a href="#">Install</a>	PayCorp
<a href="#">Add Profile</a>	PayU
<a href="#">Install</a>	SecurePay
<a href="#">Install</a>	SoluPay
<a href="#">Add Profile</a>	WorldPay

Setting up payment processing profiles for NetSuite preferred payment gateways has not changed. For information on setting up payment processing profiles, see the help topic [Setting Up Credit Card Processing Profiles in NetSuite](#).

## End of Support for Safari 7

As of 2017.1, the NetSuite application no longer supports the use of Safari 7.

If you are using Safari 7, it is strongly recommended that you upgrade to a newer version of the Safari browser or switch to another supported browser.

As of 2017.1, we no longer test or address any issues related to Safari 7.

For a full list of currently supported browsers, see the help topic [Supported Browsers for NetSuite](#).

## Advance Notice: Safari 8 Support Targeted to End in 2017.2

As of 2017.2, the NetSuite application will no longer support the use of Safari 8.

If you are using Safari 8, it is strongly recommended that you upgrade to a newer version of the Safari browser or switch to another supported browser.

As of 2017.2, the NetSuite application will not be tested with Safari 8 and support will not be offered for defects specific to Safari 8.

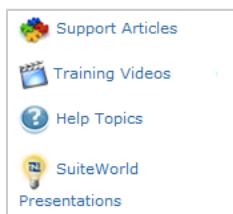
For a full list of currently supported browsers, see the help topic [Supported Browsers for NetSuite](#).

## Enhancement to Help Center Search Navigation

NetSuite 2017.1 includes an improvement to the navigation of Help Center search results. As of this release, you can use the browser's Back button to return to a Help Center search results page. If you are viewing a help topic that you reached by clicking a link in Help Center search results, you can return to the search results page by clicking the browser's Back button. Prior to this release, the Back button could not be used to return to a search results page.

## New Content Type in SuiteAnswers

Prior to this release, SuiteAnswers included four types of content: Support Articles, Training Videos, Help Topics, and Best Practices. As of 2017.1, the SuiteWorld Presentations content type replaces Best Practices.



All SuiteWorld presentations previously labeled as Best Practices have been migrated to this new category. Other Best Practices articles have been migrated to the Support Articles category.

## SuiteCommerce Advanced

The latest version of SuiteCommerce Advanced, **Kilimanjaro**, includes the following enhancements.



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

- 3D Secure Payments
- Change Email Address
- Custom Content Types
- Display of VAT/GST/PST
- Field Set Setup Script Changes
- Node.js Requirement Changes
- Sass Style Guide
- Style Definition Changes
- SuiteCommerce Configuration Updates
- SuitePromotions Enhancements

Complete release notes are available here: [SuiteCommerce Advanced Release Notes](#).

## Site Management Tools

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

- Disable Escape to Login
- Content URL Enhancement

### Disable Escape to Login

The Esc to Login feature can now be disabled. When the feature is disabled, users must log in to Site Management Tools by going to the admin URL. For more information on this feature see the help topic [Escape to Login](#).

### Content URL Enhancement

Previously, SMT content was tied to the URL of the page. Consequently, if the page URL was changed, the content did not display on the page. Content is now tied to the URL ID instead of the URL. Now if a page's URL changes, content is displayed as it should.

## 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 2017.1 includes the following enhancements:

- Enhanced seodebug Log

- Flexibility in Specifying the Related Field Sets
- Shopping Cart Performance Enhancement
- Support for Store Pickup in the Commerce API
- Support for Store Pickup in the Item Search API
- Support for Stackable Promotions in the Commerce API
- Shopping Cart Information Exposed to Search
- Enhancement to URL Components
- Secure Web Store Shopping Domains
- Single Secure Domain for Web Store Shopping and Checkout
- Ensure CDN Configuration and DNS Setup Are Correct
- Web Site Setup > Domain Subtab Optimized for Ease of Use
- Automatic Redirects for Secure Domains
- Changes to Domains in External Catalog (WSDK) Links and URLs
- Web Store Performance Enhancement – User Event Script Execution Context

## Enhanced seodebug Log

Prior to release 2017.1, whenever the SEO page generator hit the memory or time limit, the SEO page generator errored out without logging anything in the seodebug log. Even if the SEO page generator successfully generated the HTML content from the JavaScript code, you could not determine how close you were to the memory or time limit by inspecting the seodebug log.

With 2017.1, the enhanced seodebug log displays a number of performance metrics that can be used to analyze the resource usage. Even if the SEO page generator fails, the log messages up to the point of failure are preserved and displayed in the seodebug log. Consequently, you can now identify the long-running or memory-intensive scripts, and use this information to optimize your JavaScript to avoid reaching the memory and time limits.

For more information, see the help topic [SEO Page Generator Performance Statistics](#).

## Flexibility in Specifying the Related Field Sets

To improve the performance of search result pages in SuiteCommerce Advanced, we have added flexibility in specifying the field set to be loaded when retrieving items for the following synthetic fields:

- `Matrix Child Items (Detail)`
- `Related Items (Detail)`
- `Correlated Items (Detail)`

Previously, the synthetic fields retrieved item fields in the following manner:

- The `Matrix Child Items (Detail)` synthetic field always retrieved matrix child item fields from the `matrixchilditems` reserved field set.
- The `Related Items (Detail)` synthetic field always retrieved item fields from the `relateditems` reserved field set.
- The `Correlated Items (Detail)` synthetic field always retrieved item fields from the `correlateditems` reserved field set.

Since there was no flexibility in specifying the number of item fields in the reserved field set, a large number of item fields were returned for each item. Consequently, the performance of pages that retrieved a lot of matrix child items, related items, or correlated items degraded.

In 2017.1, you can use the following newly added Item Search API parameters to override the default field set with any other field set:

- `matrixchilditems_fieldset`
- `relateditems_fieldset`
- `correlateditems_fieldset`

By overriding the default field set with a field set that has fewer fields, the response time in retrieving search result pages can be significantly reduced.

For more information, see the help topics [Item Search API Input Parameters](#) and [Sample Search Query for Improving the Performance of Search Result Pages](#).

## Shopping Cart Performance Enhancement

Prior to release 2017.1, shoppers experienced performance degradation when the number of unique items in their shopping carts increased. The performance degradation was caused due to the overhead associated with retrieving all the item fields from the database for each unique item in the cart.

With 2017.1, the performance of the shopping cart has been enhanced by retrieving all the item fields from the cache, thereby reducing the turnaround time. This performance improvement is evident in larger shopping carts with more than 50 unique items.

## Support for Store Pickup in the Commerce API

With the following changes in 2017.1, the Commerce API has been enhanced to accommodate the new Store Pickup feature:

- Added two new Order methods `updateItemFulfillmentPreferences(item)` and `updateItemsFulfillmentPreferences(items)` to update specified item's fulfillment preference for a web store shopping order. Fulfillment preference can be either **ship** or **pickup**.
- Added a new `fulfillmentPreferences` JSON object, which contains information about the fulfillment preferences for a web store shopping order. When the fulfillment preference is **ship**, the information stored is Shipping Method and Shipping Address. When the fulfillment preference is **pickup**, the information stored is Pickup Location.
- Updated the existing `addItem(item)` and `addItems(items)` Order methods to include the new `fulfillmentPreferences` JSON object as an optional parameter.
- Added the new `fulfillmentPreferences` JSON object as a field to the existing `orderitem` JSON object. Consequently, the existing order methods `getItem(orderitemid, fields)` and `order.getItems(fields)` return the fulfillment preference (if applicable) of the item along with other item attributes.
- The `estimateShippingCost(address)` function now estimates the shipping cost for only the items to be shipped. If the fulfillment preference of all the items in the shopping cart is **pickup**, the `estimateShippingCost(address)` function returns zero.
- The following methods now throw an exception if any of the `orderItemIds` passed as a parameter have **pickup** as their fulfillment preference:
  - `setItemShippingAddress(orderItemId, shipAddressId)`
  - `setItemShippingAddress(orderItemIds, shipAddressId)`

- `setItemShippingMethod(orderItemId, shipMethodId)`
- `setItemShippingMethod(orderItemIds, shipMethodId)`
- `splititem(orderLine)`

**Note:** Although the Store Pickup Commerce APIs are available in the 2017.1 release, the Pickup In Store feature will not be available in the SuiteCommerce Advanced Webstore until the next release of SuiteCommerce Advanced. Also, the Store Pickup feature is available for only SuiteCommerce Advanced sites.

## Support for Store Pickup in the Item Search API

In 2017.1, the Item Search API has been enhanced to filter the items available for store pickup and to check the item quantity available for store pickup per location. You can now use the following two fields with the Item Search API:

- `isstorepickupallowed`
- `quantityavailableforstorepickup_detail`

Use the `isstorepickupallowed` field with the Item Search API to filter all the matching items allowed for store pickup. This field is dependent on adding Store Pickup Allowed as a facet field to your configuration in the Web Site Setup record. To view the item quantity available for store pickup per location, use the `quantityavailableforstorepickup_detail` field with the Item Search API.

Alternatively, you can create a field set that includes the Allow Store Pickup and Quantity Available For Store Pickup fields, and then use that field set in a query to the Item Search API.

For more information, see the help topic [Sample Search Query for Returning Items Available for Store Pickup](#).

To use the new fields related to the Pickup In Store feature with the Item Search API, the following features must be enabled at Setup > Company > Enable Features:

- The Store Pickup feature on the Transactions subtab
- The Fulfillment Request feature on the Transactions subtab
- The Advanced Shipping feature on the Transactions subtab
- The Pick, Pack and Ship feature on the Transactions subtab
- The Locations feature on the Company subtab
- The Multi-Location Inventory feature on the Items & Inventory subtab

**Note:** Although the new fields are available in the 2017.1 release for use with the Item Search API, the Pickup In Store feature will not be available in the SuiteCommerce Advanced Webstore until the next release of SuiteCommerce Advanced.

## Support for Stackable Promotions in the Commerce API

Prior to release 2017.1, only a single promotion code could be applied to a web store order. With 2017.1, the following Commerce API changes enable you to apply multiple promotion codes on a single order:

- The behavior of the `applyPromotionCode(promocode)` order method has been modified so that a promotion code can be added even when promotion codes exist. Previously, when a promotion code was added to an order, the existing promotion code (if any) was removed.

- The `removePromotionCode(promocode)` order method now removes only the specified promotion code. Previously, the promo code did not need to be specified as a parameter to be removed.
- Added a new order method `removeAllPromotionCodes()`. This method removes all promotion codes from an order.
- Added a new JSON object `discounts_impact`. This object contains information about the per line discount impact for a given item.
- The existing `orderitem` JSON object has been extended by adding the new `discounts_impact` JSON object as a field to the `orderitem` JSON object. Consequently, the existing `getFieldValues(fields)` order method now returns the per line discount impact along with other order details.
- The existing `promocode` JSON object has been extended by adding the following new fields:
  - `purchase_discount_amount`
  - `purchase_discount_amount_formatted`
  - `shipping_discount_amount`
  - `shipping_discount_amount_formatted`
  - `promotion_name`
  - `discount_name`
  - `discount_type`
  - `discount_rate`


Consequently, the existing `getAppliedPromotionCode(promocode, fields)` and `getAppliedPromotionCodes(fields)` order methods now return additional fields related to the applied promotion code(s).

In addition to the Commerce API changes, there are some URL parameter changes with the 2017.1 release.

To add multiple promotion codes, you can now specify the `promocode` parameter in the URL multiple times. Also, there is a new `promocodeaction` URL parameter with the following two possible values:

- `add` – Specifying `promocodeaction=add` mimics the default behavior and is not required. The default behavior is to add any promocodes specified in the URL to the order.
- `overwrite` – Use the `overwrite` URL parameter to sync promocodes when bridging between domains. Setting `promocodeaction=overwrite` causes the promocodes passed to overwrite any existing promocodes previously set in that domain.

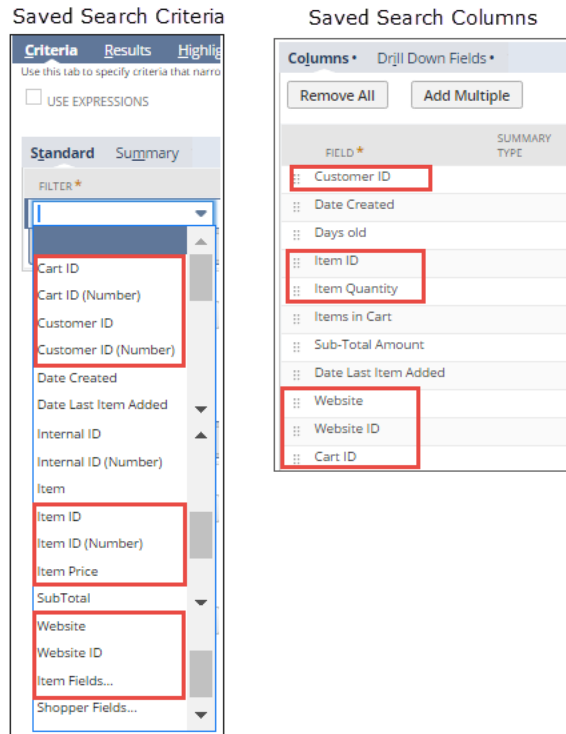
For example, suppose a shopper has added items to the cart. The shopper then applies promocodes to that order in the checkout domain but then returns to the shopping domain and specifies new promocodes. Setting `promocodeaction=overwrite` causes the promocodes specified in the shopping domain to overwrite those specified in the checkout domain: `www.checkout.com?promocode=pcl&promocode=efc&promocodeaction=overwrite`

 **Note:** If you do not specify any value with the `promocodeaction` URL parameter, the default value is `add`.

## Shopping Cart Information Exposed to Search

Starting in 2017.1, you can create saved searches for Shopping Cart information using more fields as filters, and include them as columns in search results.





In addition to enhancements to search capabilities in the UI, SuiteScript searches may also include shopping cart criteria and results fields. For more information about this enhancement, read the help topic [Shopping Cart](#).

## Enhancement to URL Components

In release 2017.1, the Commerce Platform allows for suffixes in URL components. This enhancement provides full support of URL components for customers changing from other ecommerce solutions to SuiteCommerce Advanced (SCA). A period (".") is now allowed in URL components. The following capabilities are included:

- Support for file extensions that include a period (".").
- Support for suffixes in URL components in Site Builder and SCA websites.
- Support for suffixes in URL components in Component Aliases in SCA websites.
- Support for URL components that include a period in Site Builder and SCA websites.

**Note:** The period can be anywhere in the URL component. For example, both of the following are valid: **blue.socks**, **bluesocks.html**.

Prior to 2017.1, NetSuite websites did not support the period (".") in URL components. This limitation imposed a negative impact to SEO ranking. Customers creating an SCA website typically want to use the same product URLs that they used in their previous websites. Now, in 2017.1, URL redirects can be created that preserve the same URL components from a previous website.

Note the following limitations to this enhancement:

- Periods are not supported in URL components for images.

- Periods are not supported in URL components for categories or sections.



**Important:** The following file extensions are not supported in URL components because there may be conflicts with SuiteCommerce or NetSuite framework technologies: **nl**, **nlqs**, **f**, **xls**, **doc**, **jws**.

For information about using URL components in Site Builder, read the help topic [Setting Up Descriptive URLs](#). For information about URL components in SCA, read the help topic [URL Components](#).

## Secure Web Store Shopping Domains

In release 2017.1, you can now use an SSL certificate to secure the shopping portion of your SuiteCommerce Advanced web store under an HTTPS domain. Previously, only the Checkout and My Account domains were secure. Consumers prefer seeing the secure icon in their browser address bar. Including SSL technology in your shopping area assures your customers that their activities on your site are secure.



**Note:** Secure shopping domains are available for SuiteCommerce Advanced sites only.

HTTPS is becoming the industry standard for ecommerce services. In addition to providing confidence, search engines tend to rank secure sites higher than non-secure sites. Operating your web store shopping under a secure domain is one method for improving your search engine optimization (SEO).

You can either set up a new secure shopping domain or directly switch from an existing non-secure shopping domain to a secure shopping domain. For more information, see the help topic [Secure Shopping Domain](#). For the steps to set up a secure web store shopping domain, see the help topic [Setting up Secure Shopping Domains](#).

## Single Secure Domain for Web Store Shopping and Checkout

Release 2017.1 includes the ability to set up your SuiteCommerce Advanced shopping domain as secure. Now you can leverage this security feature to run both shopping and checkout under a single HTTPS domain. A single domain provides consumers with a seamless buying experience. It removes the delays associated with shopping in one domain and moving to another for checkout.



**Note:** Single secure domains are available for SuiteCommerce Advanced sites only.

For more information, see the help topic [Single Secure Domain for Shopping and Checkout](#). For the steps to set up a single, secure domain, see the help topic [Setting up Single Secure Domain for Shopping and Checkout](#).

## Ensure CDN Configuration and DNS Setup Are Correct

We now validate cache invalidation requests using the CDN configuration on the domain. This information is important if your CNAME points to a CDN. If the CDN option is not checked for the domain, invalidation requests sent via the Web Site setup will not process as valid. Please ensure that the domain CDN option is checked as needed. For more information, see the help topic [Enable CDN Caching in NetSuite](#).

## Web Site Setup > Domain Subtab Optimized for Ease of Use

We reworked the Domain subtab on the Web Site Setup page. The changes simplify associating domains with your SuiteCommerce or Site Builder web sites. Included are separate sections for your checkout and shopping domains, and quick access to adding a new domain or managing existing domains.

## Automatic Redirects for Secure Domains

In past releases, if your customer attempted to go to your secure domain, but entered http instead of https in the browser address bar, they received a connection timeout error response. In 2017.1, your customers are automatically redirected to the secure domain.

## Changes to Domains in External Catalog (WSDK) Links and URLs

For External Catalog sites, the domains have changed in links from your site back to NetSuite, and in the HTML and URLs used to query items. NetSuite account-specific domains have been created for use on each website. After the release of this change, you will notice that the links and URLs displayed in NetSuite for use in your WSDK site include your NetSuite account ID, for example 654321.shop.netsuite.com. This change makes it possible to move your account to a different data center. For more information, read the help topic [Verify Domains in WSDK Links and Scripts](#) in the Account Mobility Tasks documentation.

Link to shopping cart page
<a href="http://654321.shop.netsuite.com/app/site/query/cartredirect.nl?n=5&amp;ext=T">http://654321.shop.netsuite.com/app/site/query/cartredirect.nl?n=5&amp;ext=T</a>
Link to checkout page
<a href="http://654321.shop.netsuite.com/app/site/query/checkoutredirect.nl?n=5&amp;ext=T">http://654321.shop.netsuite.com/app/site/query/checkoutredirect.nl?n=5&amp;ext=T</a>
Link to customer login page
<a href="http://654321.shop.netsuite.com/app/site/query/checkoutredirect.nl?n=5&amp;ext=T&amp;login=T">http://654321.shop.netsuite.com/app/site/query/checkoutredirect.nl?n=5&amp;ext=T&amp;login=T</a>

**Note:** Current domains, such as shopping.netsuite.com, shopping.na1.netsuite.com, and shopping.eu1.netsuite.com will continue to be supported. However, you may notice some latency if you do not update your website prior to a data center move.

## Recommended Action for Data Center Moves

If your account is being moved to a different data center, it is recommended that you update your website files to use the new domain provided for you in NetSuite to avoid possible performance degradation. If your account is being moved, you will be contacted by a NetSuite Representative. If your account is not being moved, then you can choose whether or not to update your website. For more information, read the help topic [Verify Domains in WSDK Links and Scripts](#) in the Account Mobility Tasks documentation.

You can perform a search and replace operation on your website files to change occurrences of the shopping.netsuite.com domain to the new NetSuite account-specific domain. Alternately, you can use a custom domain that you create and register with a third party, and then point back to NetSuite.

To use a custom domain, ensure that you have configured a primary domain correctly in NetSuite. This domain is different from the domain you use for your External Catalog website. For more information about configuring domains, read the help topic [Pointing Domain Names at NetSuite](#).

To learn more information about configuring an External Catalog website, read the help topic [External Catalog Site \(WSDK\) Overview](#).

## SuiteCommerce InStore

This section includes information about the current versions of SuiteCommerce InStore:

- SCIS 2017.1 (Generally Available)
- SCIS 2017.2 (Available in Sandbox accounts only)


### SCIS 2017.1

The following new features are included in SuiteCommerce InStore, Bundle ID 110261 (SCIS 2017.1):

- [Enhancements to SCIS Settings](#)
- [Updates to the SCIS for Windows Mobile App](#)
- [Ship from Store, Pickup in Store](#)
- [SCIS Performance Enhancements](#)
- [Support for Serialized Inventory and Lot Numbered Items](#)
- [SCIS Support for SuitePromotions](#)
- [SCIS Customer Notes](#)
- [Support for SCIS Event Validation](#)
- [Purchase On Account](#)


### Enhancements to SCIS Settings

As of SCIS 2017.1 many of the configuration settings that administrators used to make in the CustomConfiguration.js file are now made on the SCIS Settings custom record. Many settings that existed in the CustomConfiguration.js file prior to the release of SCIS 2017.1 will be migrated to the SCIS Settings record.

 **Note:** It is recommended that administrators review the SCIS Settings record after release of 2017.1. If any of the settings were not migrated, you can change the settings on the record as needed. Ensure that required settings are selected.

The following list includes the settings that are newly available on the SCIS Settings custom record as of this release:

- **Printing Settings** – Starting in SCIS 2017.1.2, the Printing subtab includes settings for Epson printers.

 **Important:** Support for Epson printers will be available with the release of the updated SCIS for iOS mobile app, targeted for August 2017.

- **Customer Settings** – Administrators can grant customer center access, set the default customer group, and add SCIS Custom Attributes to the Customer profile page. Customer center access and customer group settings affect only new customer records created using SCIS.

- **Settings for Orders** – Required to define the void item, rounding item, and set folder locations for storing signatures. Optionally, administrators can check a box to automatically charge payments.
- **QuickAdd Bar Settings** – Administrators have the option to show related and correlated items in the QuickAdd bar. Administrators can also define whether the QuickAdd bar is expanded when sales associates view the main SCIS screen.
- **Forms Settings for SCIS** – Administrators are required to select the transaction and entry forms they want to use with SCIS.
- **Receipts** – Required to define the email subject line, email body, and from address on SCIS receipts sent by email.

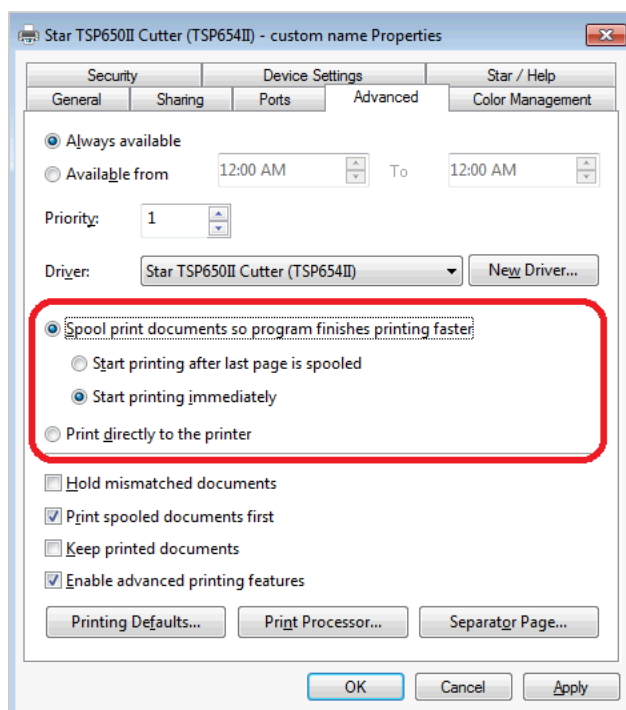
For more information about the SCIS Settings custom record, read the help topic [SCIS Settings](#).

## Updates to the SCIS for Windows Mobile App

The latest updates to the SCIS for Windows mobile app include the following changes:

**Note:** Updates are automatically installed during the application startup.

- Support for a configuration file that forces the cash drawer to open based on settings in the SCIS Payment Method record. You must create the configuration file on your computer and save it in the Application installation directory. In most cases, the cashbox opens automatically based on the Open Cash Drawer setting on the SCIS Payment Method record. However, in some cases, the cashbox does not open. For detailed instructions for creating the configuration file, read the help topic [Creating a Configuration File to Open the Cash Drawer](#).
- Changes in the receipt printing mechanism: All printers that you use with SCIS must have the spooling enabled. Direct printing is not supported. Ensure that the settings for your printers are configured to be compatible with the application update. Notice the recommended setting in the following screenshot.



**Note:** The use of virtual printers such as Microsoft XPS Document Writer or Microsoft Print to PDF is not recommended. Do not use printers other than those that appear on the list of supported peripherals, [Receipt Printers](#). To save a receipt as a file, it is recommended that you click Email Receipt to send the receipt in an email message.

For more information, read the help topic [Installing the SCIS for Windows Application](#). Read also, [Setting Up Receipt Printers for SCIS](#).

## Ship from Store, Pickup in Store

SCIS 2017.1 includes the capability to ship from store and pickup in store. Sales associates can click an icon in SCIS which directs them to a page that shows a list of orders scheduled for shipping and pickup. Sales associates can filter this list to show only orders that must be shipped, orders for pick up, all orders, or filter by order status. They can click on an order to prepare it for shipping, or to prepare it for pickup by the customer at the store location. Each order on the list is clearly marked as new, open, in progress, or picked.

### Ship from Store

Sales associates can participate in the process of shipping orders from the store. The sales associate clicks on a new order that is open, and then works through the process of picking the items in the order, packing the order, generating a shipping label, and finally shipping the order. When a sales associate is working on an order, the order is displayed on the list as in progress, along with the sales associate's name. Only the sales associate who is working on it can access an order in progress.

### Pickup in Store

When an order is marked for pickup in store, the sales associate finds it on the list. Next, the sales associate marks the items in the order as picked. When the customer arrives at the store for pickup, the sales associate prints the receipt. At this time, the sales associate has the option to add items to the order.

Note the following limitations for shipping from store and pickup in store:


- Serialized inventory and lot numbered items cannot be shipped.
- Partial quantities cannot be shipped or picked up in store. If the entire quantity on a line item is not available, then the sales associate must reject that line on the picking list. The rejected line items will appear as an order in the list along with other orders awaiting processing.

For more information, read the help topic [SCIS Ship from Store, Pickup In-Store](#) in the Administrator's Guide. Read also, [Fulfilling Orders for Shipping and Pickup with SCIS](#) in the User's Guide.


## SCIS Performance Enhancements

SCIS 2017.1 includes the following performance enhancements.

- **Minimal forms for entering transactions, customers, and items.** A set of entry forms have been optimized for performance. Using Minimal forms is not required, however, you have the option of using the optimized forms which are included in the upgrade to SCIS 2017.1. Go to the SCIS Settings record to select the forms you want to use.

 **Note:** It is recommended that you test any changes to the forms you use with SCIS. You can test these on your Sandbox environment to ensure the forms work as you expect.

- **Performance Modifications in the CustomConfiguration.js file.** In SCIS 2017.1, administrators can control the Warming Up Service by modifying the CustomConfiguration.js file. The Warming Up Service keeps the server active. SCIS enables better performance by maintaining continuous activity during sessions.
- New settings have been added to the Order subtab of the SCIS Settings record. Use these settings to help optimize the performance of your SCIS implementation.
  - **Submit on Update** - When this box is checked, each transaction is automatically committed in NetSuite. Checking the box, makes the system slower.
  - **Search for Serialized Item** - When this box is checked, you can find a transaction using the serial number or the lot number of an item on the transaction. Clear the box for better performance.
  - **Execute Client Scripts** - Check this box if you use AvaTax. It enables the system to execute Avalara integration code as client scripts. It also enables administrators and web developers to implement logic around client scripts. This setting is intended to resolve slowness when adding, voiding or returning items, updating item quantity, and adding discounts.

 **Warning:** If you check the box, you must test on a Sandbox account and work with Professional Services to ensure your SCIS implementation continues to behave as expected. Tasks for Professional Services include modifying any Client Scripts that are incompatible with the `enablefieldtriggers` option in SuiteScript.

To learn about these enhancements and more troubleshooting strategies for performance issues, read the help topic [Troubleshooting SCIS Performance Issues](#).

## SCIS Support for SuitePromotions

SCIS 2017.1 supports the SuitePromotions and the Auto-Apply Promotions features, as well as standard promotions and Advanced Promotions. In each case, an administrator must complete the following tasks before using promotion codes in SCIS:

1. Configure promotion records in NetSuite.
2. Use the SCIS Settings record to define the discounts associated with the promotions you plan to offer.

Note the following general SCIS capabilities for different types of promotions:

- **SCIS capabilities with SuitePromotions:**
  - Stackable Promotions are supported. You can add multiple promotions to an order.
    - Sales associates can stack promotions at the order level or the item level.
    - At the item level, the promotional discount is displayed on the line item price.
    - At the order level, the promotional discount is displayed on the discount line, below the subtotal amount.
  - Auto-Apply Promotions are supported. The promotion is applied at the same time the item is added to the cart. (the sales associate does not enter a promocode in SCIS). This is available at the line-item level.
- **SCIS capabilities with standard promotions and Advanced Promotions:** You can use only one promotion per order (either at the order level or item level).

For more information for administrators configuring promotions for use with SCIS, read the help topic [Promotions and Coupon Codes for SCIS](#).

For more information about how sales associates apply promotions to orders in SCIS, read the help topic [Applying Promotion Codes to Transactions in SCIS](#).

## Support for Serialized Inventory and Lot Numbered Items

SCIS 2017.1 supports the sale of serial numbered and lot numbered items. To use serialized inventory or lot numbered items, an administrator must first enable these features in NetSuite and then set up serialized inventory or lot numbered items.

Prior to adding a serial numbered or lot numbered item to the cart, the sales associate is prompted to scan or enter the serial or lot number for each item. The item is added to the order after the serial or lot number is confirmed.

Note the following limitations for selling serialized items and lot numbered items with SCIS:

- You cannot set the quantity of serialized or lot items in SCIS. A single line item is always added to the cart. You can add multiple items to the cart, but each line item must have a unique serial or lot number.
- Serial and lot numbered Items are not eligible for delivery orders with SCIS. This is because the serial or lot number must be defined on the order prior to delivery.

To learn more setup information for administrators, read the help topic [Configuring Serialized Items and Lot Numbered Items in SCIS](#).

For more information for sales associates using SCIS, read the help topic [Adding a Serialized or Lot Numbered Item to an SCIS Order](#).



**Important:** SCIS does not support the Bin Management feature and Advanced Bin/Numbered Inventory Management feature.

## SCIS Customer Notes

SCIS 2017.1 includes a custom record called, **SCIS Customer Note Types**. After an administrator has defined customer note types, sales associates can add customer notes to the customer profile in SCIS. For example, you may want to track the customer's item preferences or frequent purchases. After a note is added to the customer profile, another sales associate can view or edit the note.

To learn about setting up customer notes, read the help topic [Defining SCIS Customer Notes](#).

For more information that Sales associates can use, read the help topic [Adding Customer Notes in SCIS](#).

## Support for SCIS Event Validation

SuiteCommerce InStore enables administrators to extend the application to meet specific business and design needs. SCIS 2017.1 includes validation code for a set of SCIS events. The **validators.js** file is installed by the SuiteApp at Web Site Hosting Files > Live Hosting Files > SSP Applications > NetSuite Inc. - POS > SuiteCommerce InStore. By default, the JavaScript is commented, but administrators or web developers can uncomment the code to use or modify it.

Each code snippet in the validator.js file runs before a specific SCIS event. The pre-validation code defines what is returned. For example, either the event is not run (and an error message is passed to the SCIS UI instead), or there is success ("1" is returned) and the event runs as expected. The following validations are included by default:

- before setting the customer on an order

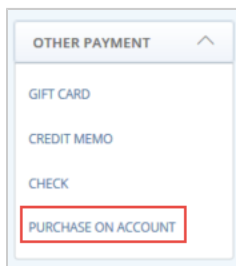


- before adding a line on an order
- before voiding a line on an order
- before processing a return
- before updating a line on an order
- before adding a discount
- before canceling a transaction

For more information, read the help topic [SCIS Event Validators](#).

## Purchase On Account

SCIS 2017.1 supports **Purchase On Account**. This payment option enables customers to purchase items using payment terms that you set up in NetSuite. After selecting a customer on the order, the sales associate can select the Purchase on Account option from the list of Other Payment options.



When an order is placed in SCIS using Purchase on Account, an invoice is created in NetSuite.

**Note:** After the initial order is submitted in SCIS using Purchase on Account, any further payments on the order can be made only in NetSuite.

If the customer already has terms defined on the customer record, those terms are already selected in SCIS. If the sales associate is entering a new customer at point of sale, then the sales associate can select from the list of customer payment terms already defined in NetSuite. For more information, read the help topic [SCIS Purchase on Account](#).

## SCIS 2017.2

**Important:** SCIS 2017.2 is currently available in Sandbox accounts only.

The following new features are included in SuiteCommerce InStore, Bundle ID 110261 (SCIS 2017.2.0):

- [New Phased Release Process for SCIS](#)
- [Support for Automatic Logout from SCIS](#)
- [Enhancement to SCIS Transaction Notes](#)
- [Support for Employees Using SCIS in Multiple Locations](#)
- [Advanced Cash Management](#)
- [User Interface Improvements for Adding Promotions](#)

## New Phased Release Process for SCIS

Starting with SCIS 2017.2.0, SCIS will implement a phased release process. SCIS has two major releases each year during which customers will be upgraded in phases over a period of two months. Before the

upgrade, each customer can access the new version of SCIS on their Sandbox accounts. This provides the opportunity to do some advance testing of the new features using your own data and business processes. It can help you identify any potential issues before your production account is upgraded. During the time that SCIS 2017.2.0 is available in your Sandbox account, you should do the following:

- Continue to use your production account to run your daily business processes.
- Use your Sandbox account to learn about new features and to test the upcoming release.

After the new version has been available in Sandbox for approximately two weeks, the customer account upgrades begin in phases. All customers will receive an email notification with information about when your account is scheduled for upgrade. Each phase consists of a different group of customers being upgraded every two weeks. Contact your NetSuite representative for more information.

User guides for SCIS 2017.2.0 are available in PDF format:

- [SuiteCommerce InStore Administrator's Guide 2017.2.0](#)
- [SuiteCommerce InStore User Guide 2017.2.0](#)

## Support for Automatic Logout from SCIS

Starting in SCIS 2017.2.0, administrators can set a time frame of inactivity before sales associates are automatically logged out of devices running SCIS. This capability leads to greater security by ensuring that the point-of-sale device can only be used by a sales associate with valid login criteria. Use the **Automatic Logout** field on the **SCIS Settings** record to enter the number of minutes of inactivity allowed before the sales associate is logged out.

## Enhancement to SCIS Transaction Notes

Prior to SCIS 2017.2.0, adding a note to an order was a two-step process. You had to touch a check mark to save the text, and then touch Save to save the note. Starting in 2017.2.0, adding a transaction note is one step. Touch the Save button to add a note to a line item or transaction.

For more information, read the help topic [Defining SCIS Transaction Notes](#).

## Support for Employees Using SCIS in Multiple Locations

Many retailers have more than one store in the same city, so employees may work at multiple locations. SCIS 2017.2 enables administrators to set up SuiteCommerce In Store (SCIS) for employees in multiple locations. New custom fields are installed by the SuiteApp for this purpose: the Device

Location field on the SCIS Mobile Device record, and the SCIS Locations list on the employee record. Selecting SCIS locations is a one-time setting when configuring a new Employee.

The upgrade to SCIS 2017.2 also includes an additional role, SCIS Support. This role is required for employees who are tasked with configuring mobile devices for multi-location employees.

## Advanced Cash Management

SCIS 2017.2 includes Advanced Cash Management, which enables SCIS to operate as a traditional cash-based point-of-sale solution. It also provides more flexibility for organizations with sales associates working in multiple locations. Advanced Cash Management leverages the approach to tracking cash by using the same location, site, subsidiary, and global hierarchy established in previous versions of SCIS.

In previous versions of SCIS, each sales associate was assigned a cash drawer account that linked him or her to a specific location and subsidiary. Advanced Cash Management uses the **SCIS Register** custom record. Each SCIS Register is linked to a location and account associated with that location.

Advanced Cash Management requires additional setup steps beyond the setup for cash management in previous versions of SCIS. Note the following additional setup requirements:

- An administrator must enable Advanced Cash Management capabilities by checking a box on the **SCIS Settings** record.
- An administrator must configure an **SCIS Register** custom record for each cash drawer and printer combination used at each retail store. This enables the sales associate to select a cash drawer at the beginning of their shift, regardless of the location specified on the employee record.
- An administrator must configure a cash drawer account for each location, and then select that account on the SCIS Register record.

After the sales associate opens a shift, an **SCIS Shift** custom record is created. The SCIS Shift record tracks important information about a shift including start and end times, as well as the initial amount and final amount in the cash drawer.

## Enhancement to Ship from Store

Enhancements in SCIS 2017.2 streamline the fulfillment process for orders that are shipped from the store. In the latest version of SCIS, the sales associate can select the shipping carrier after the items in the order are picked.

**PICKED**

ID SORD1163

Customer 264 Carlos Au

Order Date 08/23/2017

Payment Status Authorized

**PRINT**

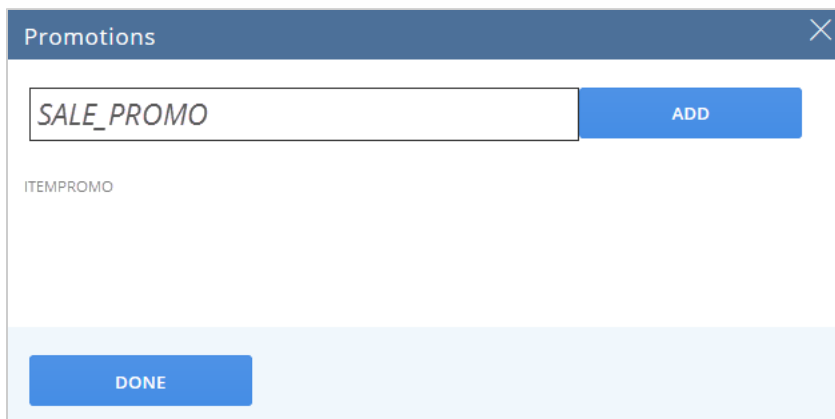
**PACK**

**SHIP METHOD**

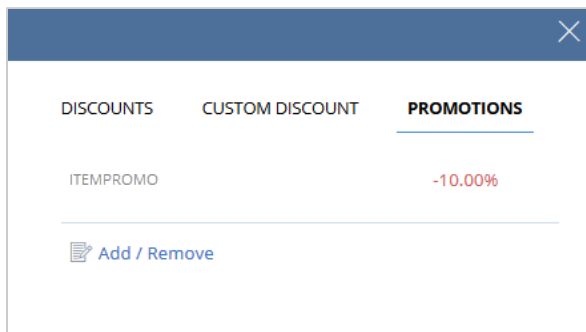
In the previous version of SCIS, the sales associate was required to select a shipping method before completing the picking step of the fulfillment process. Also, the customer's address is passed to the transaction in NetSuite, so there is no need to modify the transaction in NetSuite to add shipping information.

## User Interface Improvements for Adding Promotions

SCIS 2017.2 includes an update to the user interface for adding promotions to a line item or an order. The updated user interface has been revised so that the sales associate can view promotions that have been added to a line item or an order. The following screenshot shows the user interface for adding the sale promotion to an order where the item promotion already exists.



This enhancement supports the use of stackable SuitePromotions with SCIS. Sales associates can double click or touch the price on the line item or the subtotal amount in the cart to show the Discount popup window.



The discount popup window shows any promotions have been added to the line item or the order. Sales associates can click or touch **Add/Remove** to update promotions applied to the order or line item.

## SuiteBundler

NetSuite 2017.1 includes the following enhancements to SuiteBundler features:

- Bundle Support during Release Phasing
- New Permission for Bundle Audit Trail

- Support for Bundling SDF SuiteApp Projects
- Preserve Data Option for Bundled Custom Segments
- Bundle Support for New Release Preview Environment
- NetSuite Version Filter for Managed Upgrades

## Bundle Support during Release Phasing

Bundle support during phasing of 2017.1 is consistent with the support provided during previous releases. During phasing of 2017.1, some accounts continue to use 2016.2 during the time that other accounts are upgraded to 2017.1. 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 2016.2 can be installed into accounts that are already using 2017.1.
- Bundles developed with 2017.1 can be installed into accounts that are still using 2016.2, but note the following limitations:
  - When a user in a 2016.2 account installs a bundle from a 2017.1 account, any object types in the bundle that are not supported in 2016.2 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 2017.1 can be installed into a 2016.2 account, but the script may not correctly function because 2016.2 does not support the API.



**Warning:** For information about limitations on bundle support in Release Preview accounts, see [Bundle Support for New Release Preview Environment](#).

## New Permission for Bundle Audit Trail

NetSuite 2017.1 includes a new permission that provides access to the Bundle Audit Trail page. Prior to this release, the SuiteBundler permission was required to see the Bundle Audit Trail page. Because of this requirement, auditors had to be assigned the SuiteBundler permission, which gave them the ability to install, update, and delete bundles. This access is unnecessary for auditors because they need to only view the Bundle Audit Trail page. Now, auditors can be assigned the new SuiteBundler Audit Trail permission, which limits them to only viewing the Bundle Audit Trail page.

This new permission includes only one level, Full. This level is required to view the Bundle Audit Trail page. Users without this permission cannot access this page. By default, all account administrators have this permission.

## Support for Bundling SDF SuiteApp Projects

As of 2017.1, SuiteCloud Development Framework (SDF) includes support for SuiteApp projects, self-contained, standalone projects that enable SuiteCloud Developer Network (SDN) members to develop and deploy SuiteApps to their NetSuite accounts. SuiteBundler is used to bundle and share SDF SuiteApps. See [SDF SuiteApp Development Support](#).

The following enhancements to the SuiteBundler feature support the bundling of SDF SuiteApp projects:

- You can create a bundle that contains all objects from an SDF SuiteApp project without manually adding all of the objects to the bundle in the Bundle Builder.

The **App ID** field on the Bundle Basics page of the Bundle Builder lists SDF SuiteApp projects in your account. You can select a SuiteApp project to be bundled. The objects included in the SuiteApp project are added to the bundle and are shown on the Select Objects page of the Bundle Builder.

- You can search for all bundles based on a selected owner's SuiteApp projects. The App ID for a SuiteApp project includes a unique publisher ID provided by SDN.

When a bundle is built from a SuiteApp project, the selected App ID associates a specific publisher, or owner, with the bundle. Publisher ID is now available as a filter on the Advanced tab of the Search & Install Bundles page.

**Note:** To obtain a unique publisher ID, you must be a member of SDN. For information about SDN, go to <http://www.netsuite.com/portal/developers/sdn.shtml>.

## Preserve Data Option for Bundled Custom Segments

Before 2017.1, an update of a bundled custom segment with existing values always merged the values of the source custom segment with the values of the target account custom segment. As of 2017.1, you can set a preference to preserve data for a target account custom segment. When this new option

to preserve data is selected, the bundle update does not make any changes to target account custom segment values.

A new list is available for custom segments on the Set Preferences page of the Bundle Builder. This list includes **Preserve Data** and **Merge Data** options. When the **Preserve Data** option is selected, the bundle update does not make any changes to target account custom segment values. When the **Merge Data** option is selected, the bundle update merges custom segment values, without deleting any values from the target account custom segment. The avoidance of target account custom segment value deletion is due to the possibility that a custom segment may have GL impact. In addition, no option is provided to replace data for a custom segment, also to avoid unintentional changes to GL impact.

For information about updating bundles containing custom segments, see the help topic [Adding a Custom Segment to a Bundle](#).

## Bundle Support for New Release Preview Environment

During the 2017.1 release cycle, a new Release Preview environment will be supported for customers whose accounts are running on European data centers. For these customers, EU Release Preview accounts will be available from the same domain as their production accounts. For more details, see [For European Union Customers Only: Accessing Release Preview](#).

For other customers, 2017.1 Release Preview accounts will continue to be available on the beta domain, at <https://system.beta.netsuite.com>. Note that bundle support for these two types of Release Preview accounts differs. EU Release Preview accounts provide support for installing bundles from other types of accounts, whereas Release Preview accounts on the beta domain do not.

Bundles can be installed from a production account, from a sandbox account, or from the repository into an EU Release Preview account. Bundles can be installed from one EU Release Preview account to another EU Release Preview account. Bundles cannot be installed from a Release Preview account on the beta domain into an EU Release Preview account. Bundles cannot be installed from an EU Release Preview account to a production account or to a sandbox account, and cannot be copied to the repository.

The bundles that can be installed into a Release Preview account on the beta domain are only those bundles created in another Release Preview account on the beta domain. A bundle originally installed from a production account or the production repository can be updated in a Release Preview account on the beta domain. This update can occur only if the original account or repository is also available in a Release Preview account on the beta domain. A bundle originally installed from a sandbox account cannot be accessed or updated in a Release Preview account on the beta domain. Also, any bundle created in a Release Preview account on the beta domain cannot be installed into a production or sandbox environment, even if it has been copied to the bundle repository.

For more details about support for bundle operations in different environments, see the help topic [Bundle Support Across Account Types](#).

## NetSuite Version Filter for Managed Upgrades

The ability to filter managed upgrades by NetSuite version is now supported. If you own a managed bundle, you can use this filter to see the NetSuite version being run in your managed bundle install base accounts. You can choose to implement managed bundle upgrades only for target accounts running either the lagging or leading version of NetSuite. Also, you can choose to send bundle notification messages only to target accounts running a specified NetSuite version.

A **NetSuite Version** list is available in the Filters section on the Initiate Upgrade page for managed bundles. To get to this page, go to Customization > SuiteBundler > Create Bundle > List, and select Upgrade Install Base for a managed bundle.

The **NetSuite Version** list is also available on the Recipients subtab on each bundle Message page for a managed bundle. To get to this page, go to Customization > SuiteBundler > Create Bundle > List, and click the bundle name to go to the Bundle Details page. On the Bundle Details page, click the Messages subtab and the New Message button.

For more information about managed bundle updates, see the help topic [Upgrading Your Managed Bundle Install Base](#).

## SuiteBuilder - Customization

NetSuite 2017.1 includes the following enhancements to SuiteBuilder features:

- [Enhancements to Custom Segments](#)
- [Advanced PDF/HTML Templates Available for Printing Saved Search Results](#)
- [Enhanced Management of Large Custom Lists](#)
- [Inclusion of Role in System Notes](#)

## Enhancements to Custom Segments

This release includes the following enhancements to custom segments:

- [Change to Permissions for Adding Custom Segment Values](#)
- [Custom Segment Support for Additional Transaction Types](#)
- [Support for Custom Segments on Bill Payments for Multiple Vendors](#)
- [Custom Segments Included in Automatically Generated HTP Journals](#)

### Change to Permissions for Adding Custom Segment Values

Before this release, when administrators wanted to assign a user permission to view, create, or edit custom segment values, they had to do so in two places. They had to edit the custom segment definition and also had to assign the Custom Segments permission to the user's role at Setup > Users/Roles > Manage Roles. The Custom Segments permission and the Value Management Access field on the custom segment definition were used together for custom segment value permissions.

As of 2017.1, the Custom Segments permission is not required to view, create, or edit custom segment values. An administrator or user with the Custom Segments permission can create or edit custom segment definitions at Customization > Lists, Records, & Fields > Custom Segments. On the Permissions subtab of the segment definition, the administrator specifies which users can view, create, or edit custom segment values in the Value Management Access field. For more information, see the help topic [Granting a Role Permission to Manage Custom Segment Values](#).

The Custom Segments permission is still required for users to create custom segment definitions. For more information, see the help topic [Granting a Role Permission to Manage Custom Segments](#).

### Custom Segment Support for Additional Transaction Types

The following transaction types now support custom segments:



- Currency revaluations, including realized gain and loss, unrealized gain and loss, and rounding gain and loss.

Custom segment values that have GL impact are copied from the source transaction to the currency revaluation transactions. Custom segments that do not have GL impact are not copied during a currency revaluation transaction.

- Deprecated custom transactions

If a custom transaction type is added to an account as part of a SuiteApp installation and that SuiteApp is later deleted, information about the transaction instance data is retained. In any transactions that use the deleted custom transaction type, the transaction type is changed to the deprecated custom transaction type. Custom segments that have GL impact are kept on the deprecated custom transaction.

## Support for Custom Segments on Bill Payments for Multiple Vendors

Custom segments are now supported for bill payments that go to multiple vendors. As of 2017.1, when you indicate that a custom segment should be applied to vendor payments, it is applied to all vendor payments. Before this release, this type of custom segment was only applied to payments to a single vendor, available at Transactions > Payables > Pay Single Vendor. Now it is also applied to payments made from the page available at Transactions > Payables > Pay Bills. For more information about applying custom segments to different transaction types, see the help topic [Applying a Custom Segment to Record Types](#).

The Class, Department, and Location fields are now available in a Classification section on the Bill Payments page. Go to Transactions > Payables > Pay Bills. If a custom segment has been applied to the vendor payment record, the custom segment field is available in the Classification section, even if the custom segment does not have GL impact. Select the custom segment value to apply to all of the bills selected for payment. For more information, see the help topic [Paying Multiple Vendors](#). The custom segment is copied to each vendor payment record.

After the payment is processed, the custom segment values are shown on the GL Impact page. For more information, see the help topic [GL Impact Page](#).

## Custom Segments Included in Automatically Generated HTP Journals

Custom segments are now supported for automatically generated journal entries for historical transaction processing (HTP), in cases where these journals support class, department, and location.

## Advanced PDF/HTML Templates Available for Printing Saved Search Results

Before this release, advanced print templates were only available for transactions. Now, they are available to any saved search.

When the Advanced PDF/HTML Templates feature is enabled, saved search results for any record type can now be printed using advanced PDF/HTML templates. Administrators and users can define multiple print templates for a single saved search, in the same editor used to define transaction print templates.

A New Template button has been added to the Saved Search edit page.

**Saved Customer Search** List

**Overdue Accounts**

Save ▼ Reset Cancel Preview **New Template** Change ID Actions ▼

SEARCH TITLE \*  
Overdue Accounts

PACKAGE

ID  
customsearch\_overdue\_accts

OWNER  
A Wolfe-admin ▼

☐ PUBLIC

☐ AVAILABLE AS LIST VIEW  
☐ AVAILABLE AS DASHBOARD VIEW  
☐ AVAILABLE AS SUBLIST VIEW  
☐ AVAILABLE FOR REMINDERS  
☐ SHOW IN MENU

**Criteria** Results Highlighting Available Filters Audience Roles Email Audit Trail Execution Log

Use this tab to specify criteria that narrow down your search.

☐ USE EXPRESSIONS

**Standard • Summary**

FILTER *	DESCRIPTION *	FORMUL
Overdue Balance	is greater than 5000.00	
Days Overdue	is greater than 30	

▼

✓ Add ✕ Cancel + Insert Remove

Click **New Template** to create a new template for printing these saved search results.

**Template Setup** ✕

**Primary Information**

TITLE  
Case List Template

DESCRIPTION

SAVED SEARCH  
Cases awaiting my attention

☐ INACTIVE

**Layout Setup**

PAGE ORIENTATION  
Portrait ▼

PAGE SIZE  
Letter ▼

MARGIN

TOP 0.5 RIGHT 0.5 BOTTOM 0.5 LEFT 0.5 UNITS in ▼

Save Cancel

You can also create a saved search print template from the Advanced PDF/HTML Templates list page. A New Template button is available at the top of the page.

Advanced PDF/HTML Templates				
<div> <div>Submit</div> <div>New Template</div> </div> <div> <input type="checkbox"/> SHOW INACTIVES         </div>				
EDIT	NAME	SCRIPT ID	TYPE ▲	PREFERRED
Customize	Standard US Vendor Payment PDF/HTML Template	STDTMPLUSVENDPYMT	Bill Payment	<input checked="" type="checkbox"/>
Customize	Standard UK Vendor Payment PDF/HTML Template	STDTMPLUKVENDPYMT	Bill Payment	<input checked="" type="checkbox"/>
Customize	Standard AU Vendor Payment PDF/HTML Template	STDTMPLAUVENDPYMT	Bill Payment	<input checked="" type="checkbox"/>
Customize	Standard Payment Voucher PDF/HTML Template	STDTMPLPAYMENTVOUCHER	Bill Payment	<input checked="" type="checkbox"/>
Customize	Standard Cash Refund PDF/HTML Template	STDTMPLCASHRFND	Cash Refund	<input checked="" type="checkbox"/>
Customize	Standard Cash Sale PDF/HTML Template	STDTMPLCASHSALE	Cash Sale	<input checked="" type="checkbox"/>
Customize	Standard UK Check PDF/HTML Template	STDTMPLUKCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard US Voucher Check PDF/HTML Template	STDTMPLUSVOUCHERCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard Check PDF/HTML Template	STDTMPLCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard UK Voucher Check PDF/HTML Template	STDTMPLUKVOUCHERCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard AU Voucher Check PDF/HTML Template	STDTMPLAUVOUCHERCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard Paycheck PDF/HTML Template	STDTMPLPAYCHECK	Check	<input checked="" type="checkbox"/>
Customize	Standard Credit Memo PDF/HTML Template	STDTMPLCUSTCRED	Credit Memo	<input checked="" type="checkbox"/>

When you click **New Template**, the Template Setup window appears. Enter the template name and choose the saved search to which the template applies. Click **Save**. Then you can customize the template in the Template Editor.

## Printing Saved Search Results

When you view results of a saved search, you can use the filters to show specific search results.

To print the search results displayed on the page, click the Print icon. If the Advanced PDF/HTML Templates feature is enabled and a template is available for printing the saved search results, a popup window appears. Select the template that you want to use to format the printed saved search results.

Print

Cancel

Print

TEMPLATE

Case List Template

Only templates that are available for the saved search are listed in the popup window. To use browser printing, select Default from the Template list. Select the template to use and click **Print**.

## Enhanced Management of Large Custom Lists

For imports of custom lists using web services, SuiteScript, or CSV import, a maximum list size of 25,000 values is now supported.

Before this release, if large custom lists were imported into NetSuite, managing the list values on the Custom List page in NetSuite was challenging. All of the values were listed on the Values subtab, which

required substantial scrolling for long lists. With this change, custom lists larger than 1000 values are displayed on a list page, so you can page through and manage the values of large lists.

As of 2017.1, a List column has been added to the Custom Lists page so that you can open the list directly to edit the values. A Manage Values button is available for viewing a custom list that has more than 1000 values, instead of all values being displayed on the Values subtab.

**Custom List**

Save Cancel Reset Change ID Actions

NAME \*  
Size List

ID  
customlist\_listsizes1

OWNER  
Default User

DESCRIPTION  
Complete list of size numbers

SHOW OPTIONS IN: ☒ THE ORDER ENTERED ☐ ALPHABETICAL ORDER

☐ MATRIX OPTION LIST

☐ CONVERT TO CUSTOM RECORD

☐ INACTIVE

Values • Translation History • System Notes •

Manage Values

You can click the Manage Values button to open the custom list values page. The values are listed in alphabetical order, and you can use the page controls to view, edit, add, and delete any values as required.

**Size List List** List Search Audit Trail

VIEW Default Customize View New Size1

+ FILTERS

SHOW INACTIVES EDIT QUICK SORT 10007 — 10051 TOTAL: 24999

EDIT   VIEW	NAME ▲
Edit   View	10007
Edit   View	10008
Edit   View	10009
Edit   View	1001
Edit   View	10010
Edit   View	10011
Edit   View	10012
Edit   View	10013
Edit   View	10014
Edit   View	10015
Edit   View	10016
Edit   View	10017
Edit   View	10018
Edit   View	10019
Edit   View	1002

If your organization allows inline editing, you cannot add or edit the abbreviation or translation from this list page. Edit the individual values to set the abbreviation and translation.

## Inclusion of Role in System Notes

A Role column has been added to all system notes to identify the role of the user who made each change. Any system functions are shown as being made by the Administrator role. To see the Role column on the System Notes subtab, you must customize the view to add the Role column. For more information, see the help topic [Customizing Sublist Views](#). You can add the Role field as a filter to any of your system notes saved searches, to return only changes made by users with a selected role.

With this change, role information is captured for system notes recorded as of the 2017.1 upgrade and later. System notes logged before 2017.1 do not include role information.

Items

Billing

Relationships

Communication

Related Records

System Information

System Notes

FIELD

- All -

VIEW

Custom Default

Customise View

DATE ▾	SET BY	CONTEXT	TYPE	FIELD	OLD VALUE	NEW VALUE	ROLE
11/22/2016 11:53 AM	NetSuite Canada	UI	Set	PO #		1	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Account		Purchase Orders	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Total		1937.52	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	To Be Printed		F	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Subsidiary		Parent Company	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Vendor		Receiver General	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Override		F	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Vendor		Receiver General	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Currency		Canadian dollar	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Custom Form		Standard Purchase Order	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Document Status		Pending Receipt	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Date		11/22/2016	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Set	Nexus		CA-ON	Administrator
11/22/2016 11:52 AM	NetSuite Canada	UI	Create	Record		2	Administrator

## SuiteAnalytics (Dashboards, Reporting, and Search)

NetSuite 2017.1 includes the following enhancement to SuiteAnalytics.

- New Column Exposed in SuiteAnalytics Connect Service to Support Advanced Intercompany Journal Entries
- New Icon for Creating Report Snapshots
- New System Notes Views Exposed in SuiteAnalytics Connect Service
- Dashboard Tiles SuiteApp
- Navigation Portlet SuiteApp

## New Column Exposed in SuiteAnalytics Connect Service to Support Advanced Intercompany Journal Entries

Prior to 2017.1, you could specify only two subsidiaries on an intercompany journal entry, the originating subsidiary and the receiving subsidiary, in a one-to-one relationship. NetSuite 2017.1

introduces advanced intercompany journal entries where you can specify the originating subsidiary and multiple receiving subsidiaries, in a one-to-many relationship.

To distinguish between advanced intercompany journal entries and one-to-one intercompany journal entries, the SuiteAnalytics Connect Service exposes an `is_advanced_intercompany` column in the Transactions table.

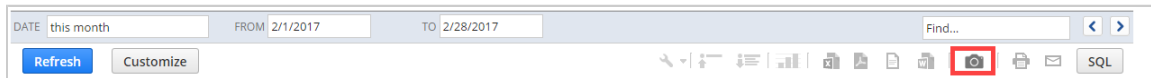
For advanced intercompany journal entries, the value of the `is_advanced_intercompany` column is true and the value of the `is_intercompany` column is false. For one-to-one intercompany journal entries, the value of the `is_advanced_intercompany` column is false and the value of the `is_intercompany` column is true.

For more information about this new record type, see [Advanced Intercompany Journal Entries](#).

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

## New Icon for Creating Report Snapshots

In previous releases, you could not create a custom report snapshot from a report's results page. The Save and Create Snapshot button was available only in the Report Builder used for report customization. In 2017.1, a Create Snapshot icon has been added to the footer for report results pages. You can click this icon to create a custom report snapshot that can be displayed in a Report Snapshot portlet. The icon is always visible, but is enabled only for custom reports that display results data. The Save and Create Snapshot button has been removed from the Report Builder page, because its function has been replaced by the new icon.



For more information, see the help topic [Creating Custom Report Snapshots](#).

## New System Notes Views Exposed in SuiteAnalytics Connect Service

The comments columns in the `notes_system_custom` and `notes_system` views contain concatenated data from three different fields: operation type, old comment, and new comment. Due to an Oracle limitation of 4000 bytes for any concatenated fields, including these comments columns in a query may result in an error.

In NetSuite 2017.1, the SuiteAnalytics Connect Service exposes the `system_notes_custom` and `system_notes` views with individual columns for operation type, old comment, and new comment data. Additionally, the following changes have been made to columns originally exposed in the `notes_system_custom` and `notes_system` views:

- The following columns are not present in the `system_notes_custom` and `system_notes` views:
  - `note_id`
  - `direction`
  - `note_type_extid`
  - `note_type`
  - `note_type_description`
  - `isinactive`
  - `system_use`

- date\_last\_modified
- The following columns have been renamed in the system\_notes\_custom and system\_notes views:
  - time\_entered is now date\_created
  - customfield\_created\_date is now date\_customfield\_created
  - customfield\_modified\_date is now date\_customfield\_modified
  - customfield\_created\_by is now customfield\_created\_by\_id
  - customfield\_modified\_by is now customfield\_modified\_by\_id

To avoid errors, users are strongly encouraged to query the system\_notes\_custom and system\_notes views instead of the notes\_system\_custom or notes\_system views.

For more information, see the [notes\\_system\\_custom](#) and [notes\\_system](#) views after the Connect Browser is updated to version 2017.1.

## CSV Import

NetSuite 2017.1 includes the following enhancements to CSV Import:

- [CSV Import Supported for Billing Records](#)
- [CSV Import Supported for Consolidated Exchange Rate Updates](#)
- [Large Custom List Imports Supported](#)
- [CSV Import Supported for Default ATP Method Data](#)
- [CSV Import Supported for Business Hours Data in the Location Record](#)
- [CSV Import Supported for Approval Status in the Time Tracking Record](#)
- [Ability to Link Purchase Orders to Vendor Bills](#)

## CSV Import Supported for Billing Records

As of 2017.1, you can import the following subscription billing data from CSV files:

- Price Book
- Price Plan
- Subscription
- Subscription Change Order
- Subscription Line
- Subscription Plan
- Usage

The Billing Account record type, which is also used for subscription billing, was exposed to CSV Import in a previous release. For more information, see the help topic [Billing Account Import](#).

Before you can import subscription billing information, Advanced Subscription Billing and the related features must be enabled. For more information, see the help topic [Advanced Subscription Billing](#).

Perform the subscription billing imports in the following order.

1. Subscription Plan (Items import type)
2. Price Plan (Accounting import type.)
3. Price Book (Accounting import type.)

4. Subscription (Transactions import type.)
5. Subscription Line (Transactions import type. Update to change status from Draft to Pending Activation.)
6. Subscription Change Order (Transactions import type. As required.)

For more information about importing subscription billing records and importing CSV files, see the help topics [Subscription Billing Import](#) and [Importing CSV Files with the Import Assistant](#).

For more information about the subscription billing records, see *Subscription Billing* in the Order Management release notes.

## CSV Import Supported for Consolidated Exchange Rate Updates

As of 2017.1, you can import from CSV files to update consolidated exchange rate record data in NetSuite.

You can import consolidated exchange rate updates using CSV import if your organization:

- Uses NetSuite OneWorld.
- Has multiple subsidiaries with different base currencies.
- Maintains a list of consolidated exchange rates. The consolidated exchange rates are available at Lists > Accounting > Consolidated Exchange Rates. Consolidated exchange rate records are created automatically in NetSuite when multi-currency subsidiaries are set up. In the NetSuite UI, users can only edit the current, average, and historical exchange rates in consolidated exchange rate records. Users cannot create or delete values in the consolidated exchange rate records. The CSV import behavior is consistent with the UI.

For more information, see the help topic [Using Consolidated Exchange Rates](#).

To import updated consolidated exchange rate data, in the Import Assistant, set the Import Type to Accounting and the Record Type to Consolidated Exchange Rate. Only the Update data handling option is available for the import.

The fields that you can map and update are:

- Average exchange rate
- Current exchange rate
- Historical exchange rate

The import also requires an external ID or internal ID. The import updates successfully if the period is not closed, is not derived, and does not include an elimination subsidiary.

## Large Custom List Imports Supported

CSV Import now supports the import of custom lists that have up to 25,000 values. The Import Assistant checks to ensure that the custom list you are importing has 25,000 values or less before proceeding with the import.

## CSV Import Supported for Default ATP Method Data

CSV import now supports the import of default available to promise (ATP) methods when you import inventory items, and the Available to Promise feature is enabled in your account. For information about the Available to Promise feature, see the help topic [Available to Promise](#).



## CSV Import Supported for Business Hours Data in the Location Record

CSV import now supports the import of business hours data when you import location records. You can map multiple instance of the Business Hours sublist to import more than one set of business hours. For more information, see the help topic [Location Import](#).

## CSV Import Supported for Approval Status in the Time Tracking Record

CSV import now supports the import of the Approval Status field when you import time tracking records. By using this field, you do not need to manually update this field on the record after the import.

## Ability to Link Purchase Orders to Vendor Bills

The 2017.1 endpoint supports linking purchase orders to vendor bills in CSV import. This way you can populate a vendor bill with the items and expenses from one or more purchase orders. For more information, see the help topic [Vendor Bill Import](#).

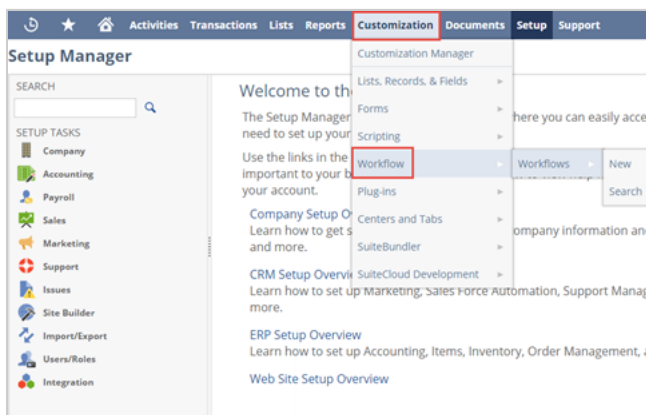
## SuiteFlow (Workflow Manager)

NetSuite 2017.1 includes the following enhancements to SuiteFlow features:

- [NetSuite UI Menu Location Change for SuiteFlow](#)
- [NetSuite UI Location Change for Enabling SuiteFlow](#)
- [Logging for Workflows Locked by Bundle](#)

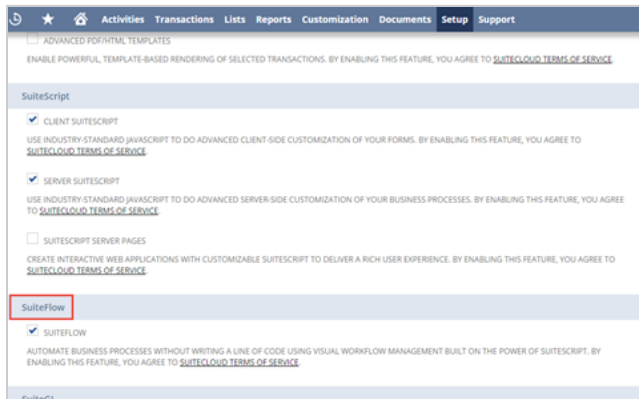
## NetSuite UI Menu Location Change for SuiteFlow

SuiteFlow has changed locations in the Classic Center of the NetSuite UI. The Classic Center is the center generally used by account administrators. Beginning in 2017.1, you can access workflows from Customization > Workflows > Workflows in the Classic Center. As was true in releases prior to 2017.1, the SuiteFlow feature must be enabled in the account and a user must have the Setup type Workflow permission to view these options. SuiteFlow remains in its previous location on the Customization menu in all centers other than the Classic Center.



## NetSuite UI Location Change for Enabling SuiteFlow

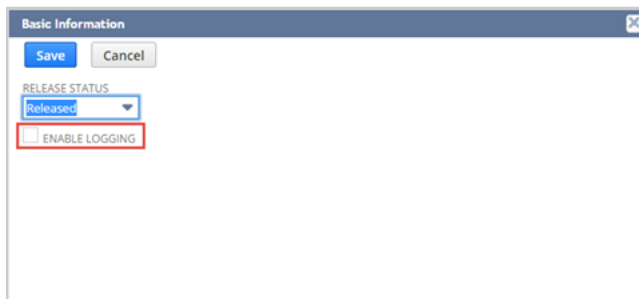
SuiteFlow has changed locations on the Enable Features page. Beginning in 2017.1, the option for enabling SuiteFlow is located in the new SuiteFlow section of the Enable Feature page's SuiteCloud tab.



## Logging for Workflows Locked by Bundle

Users can now enable or disable logging for workflows that are locked by bundle. In NetSuite 2017.1, the following changes have been made in the SuiteFlow UI:

- The Status dialog has been renamed Basic Information. This dialog is used for editing workflows locked by bundle.
- The **Enable Logging** option has been added to the Basic Information dialog. When this option is selected, logging is enabled for workflows locked by bundle. When this option is not selected, logging is disabled for workflows locked by bundle.



## SuiteScript

Refer to the following sections for details on all SuiteScript updates for NetSuite 2017.1:

- SuiteScript Help Enhancements
- Enhanced Security for Admin Scripting
- New SuiteScript Scheduling Permission
- Web Store Performance Enhancement – User Event Script Execution Context
- Changes to SuiteScript Handling of Header Names
- Workflow Action Script Type Extended
- Enhancement for the Deposit Record

- [Prevention of Updates to Entity Field on Currency Adjustment Journal Entries](#)
- [Account ID Parameter Added to Relative URLs](#)
- [SuiteScript 2.0 – Asynchronous Search API Beta Release](#)
- [SuiteScript 2.0 – Flat File Streaming Support](#)
- [SuiteScript 2.0 – New Method for Retrieving NetSuite Domain Data](#)
- [SuiteScript 2.0 – New Methods for Working With Select Options](#)
- [2017.1 SuiteScript Record Exposures](#)
- [2017.1 SuiteScript Records Browser](#)
- [jQuery UI Library No Longer Loaded on NetSuite Pages](#)
- [Script Queue Monitor in Application Performance Management \(APM\)](#)

## SuiteScript Help Enhancements

See the following sections for details about enhancements to SuiteScript documentation:

- [SuiteScript Help Restructure](#)
- [SuiteScript 2.0 Hello World Tutorial](#)

## SuiteScript Help Restructure

This release introduces the new SuiteScript General help set. The SuiteScript help is now comprised of three different help sets: [SuiteScript General](#), [SuiteScript 1.0](#), and [SuiteScript 2.0](#). SuiteScript General topics apply to both SuiteScript 1.0 and SuiteScript 2.0.



**Note:** Although the topics under SuiteScript General are version agnostic, they may currently include links or examples to SuiteScript 2.0 only. Additional updates to these topics are forthcoming.

The following subject areas are now located under the SuiteScript General help set:

- [SuiteScript Overview](#): SuiteScript use cases
- [Setting Up Your SuiteScript Environment](#): SuiteScript settings and permissions
- [SuiteScript Governance](#): Governance for APIs, script types, logging, and search results
- [SuiteScript Best Practices](#): Best practices for individual script types and scripts in general
- [SuiteScript Debugger](#)
- [Monitoring SuiteScript](#): Links to the Application Performance Management and Script Queue Monitor help
- [Working with the SuiteScript Records Browser](#): Details on where to find the Records Browser and how to use it
- [SuiteScript Supported Records](#): Information necessary to script each record type exposed to SuiteScript. The majority of this content is not available in the Records Browser.
- [SuiteScript IDs](#): IDs used by SuiteScript 1.0 and SuiteScript 2.0. Note that IDs exclusive to SuiteScript 1.0 remain under the SuiteScript 1.0 help.

## SuiteScript 2.0 Hello World Tutorial

For users who are learning SuiteScript 2.0, a new [SuiteScript 2.0 Hello World](#) tutorial is now available. This topic walks you through the process of creating, deploying, and testing your first SuiteScript 2.0 script.

## Enhanced Security for Admin Scripting

With the 2017.1 release, NetSuite is adding new SuiteScript restrictions to the Administrator and Full Access roles. These enhancements contribute to improved security and impact both SuiteScript 1.0 and SuiteScript 2.0 scripts. Note that these restrictions apply to all NetSuite environments (see the help topic [Understanding NetSuite Account Types](#)).

As of 2017.1, you are no longer able to perform the following actions with SuiteScript:

- Create an entity record where any role is set to Administrator or Full Access
- Delete an entity record where any role is set to Administrator or Full Access
- Edit an entity record so that the entity gains an Administrator or Full Access role
- Edit an entity record so that the entity loses an Administrator or Full Access role
- Edit the password or email field value on an entity record where any role is set to Administrator or Full Access

Scripts that violate these new restrictions throw the following error message: `Script Security Violation: Unauthorized attempt to <operation> entity with <role> role by SuiteScript!`

If you have not already done so, audit your existing scripts for the use cases listed above. Update all applicable scripts to conform to the new restrictions.

## New SuiteScript Scheduling Permission

This release introduces the SuiteScript Scheduling permission. In previous releases, you needed the Administrator role to execute scheduled scripts and map/reduce scripts with an API. You also needed the Administrator role to use scheduling specific APIs (see tables below). With 2017.1, you can now use a role with the SuiteScript Scheduling permission as an alternative to using the Administrator role. This gives you additional granularity when performing audits.

**Note:** This feature does not impact scheduled scripts or map/reduce scripts executed in the UI. The permission requirements for this action are included in the tables below and are unchanged.

The following tables demonstrate how the new SuiteScript Scheduling permission can be used.

### Previous Releases

Action	Role/Permission Required
Use one of the following APIs: <ul style="list-style-type: none"> <li>■ SuiteScript 1.0               <ul style="list-style-type: none"> <li>□ <code>nlobjContext.getPercentComplete()</code></li> <li>□ <code>nlobjContext.setPercentComplete(pct)</code></li> </ul> </li> <li>■ SuiteScript 2.0               <ul style="list-style-type: none"> <li>□ <code>Script.percentComplete</code></li> </ul> </li> </ul>	Administrator role
Execute a scheduled script or a map/reduce script with an API (for example, <code>ScheduledScriptTask.submit()</code> ).	Administrator role
Execute a scheduled script or a map/reduce script in the UI. Open the applicable deployment record and click <b>Save and Execute</b> .	Administrator role <b>or</b> role with SuiteScript permission (Full level)

## 2017.1

Action	Role/Permission Required
Use one of the following APIs: <ul style="list-style-type: none"> <li>■ SuiteScript 1.0 <ul style="list-style-type: none"> <li>□ <code>nlobjContext.getPercentComplete()</code></li> <li>□ <code>nlobjContext.setPercentComplete(pct)</code></li> </ul> </li> <li>■ SuiteScript 2.0 <ul style="list-style-type: none"> <li>□ <code>Script.percentComplete</code></li> </ul> </li> </ul>	Administrator role <b>or</b> role with SuiteScript Scheduling permission
Execute scheduled script or map/reduce script with an API (for example, <code>ScheduledScriptTask.submit()</code> ).	Administrator role <b>or</b> role with SuiteScript Scheduling permission
Execute scheduled script or map/reduce script in the UI. Open the applicable deployment record and click <b>Save and Execute</b> .	Administrator role <b>or</b> role with SuiteScript permission (Full level)

## Web Store Performance Enhancement – User Event Script Execution Context

For NetSuite accounts that use SuiteCommerce, NetSuite 2017.1 includes a new option that can help improve web store performance. This option is available for all user event script deployments. It controls whether a script executes when the triggering event takes place in the web store.

The **Execute in Commerce Context** option appears as a check box on script deployment records. When this box is cleared, the script does not execute in response to a triggering event that occurs in SuiteCommerce Advanced, SuiteCommerce Site Builder, or SuiteCommerce InStore.

When your account is upgraded to 2017.1, this box is added and automatically checked on all existing user event script deployment records. However, if appropriate, you can edit any script deployment record and clear the box.

In contrast, when you create a new script deployment record in 2017.1, the box is cleared by default.

### Script Deployment

Save Cancel Reset

SCRIPT

Sales Order After Submit

APPLIES TO \*

Sales Order

APP ID

customscript\_soaftersubmit

ID

☒ DEPLOYED

☐ EXECUTE IN COMMERCE CONTEXT

Scripts can significantly slow web store performance. By leaving this option cleared, you can improve web store response times. However, in some cases, you may want a script to execute in response to web store activity. To enable the option, you must check the **Execute in Commerce Context** box. For details about working with script deployment records, see the help topic [Script Deployment](#).

Previous releases of NetSuite also included features that let you customize the impact of scripts on the web store. Other existing features include:

- Asynchronous afterSubmit Sales Order Processing – When you enable this feature, all afterSubmit user events and workflows triggered by web store checkout run asynchronously. For details, see the help topic [Enable Ecommerce Features](#).
- Scriptable Cart – This option lets you designate specific forms to be used for sales orders generated through shopping cart activity. You can customize these forms, and any scripts they use, for the web store. For details on this feature, see the help topic [Scriptable Cart](#).

## Changes to SuiteScript Handling of Header Names

In 2017.1, NetSuite has made changes to the way SuiteScript handles HTTP request headers. In the past, when NetSuite exposed HTTP request data to a script, it provided the HTTP headers in the same case that they were provided by the requesting client, usually a web browser. NetSuite required that scripts use an exact case-sensitive match for each header name. Now, the handling of these names has changed. The details vary depending on the version of SuiteScript and the method being used. These changes bring SuiteScript into alignment with the HTTP specification.

### SuiteScript 2.0 and SuiteScript 1.0's getAllHeaders() Method

For SuiteScript 2.0, and for SuiteScript 1.0's getAllHeaders() method, header names are now exposed in lower-case form. The system also attempts to add a title case version of each header. For this reason, when you retrieve all headers for a request, typically you will now see two iterations of each header: one in lower-case and one in title case. You can interact with these title-case headers as you would with their lower-case counterparts. However, creation of title-case headers is not guaranteed, particularly for custom headers. Therefore, for best results, write header names in lower-case letters. In particular, avoid using all-caps or unusual capitalization styles.

For example, suppose your script interacts with a custom header called HOSTTYPE. In past releases, your script might have used the following expression:

```
if (context.request.headers['HOSTTYPE'] === "production")
```

In this release, you would change that expression to the following:

```
if (context.request.headers['hosttype'] === "production")
```

### SuiteScript 1.0's getHeader() Method

In SuiteScript 1.0, there is one exception to the preceding guidance. When you use the getHeader() method, the system reads the header name you provide in a case-insensitive manner. Capital letters do not cause problems. For example, both of the following expressions return the appropriate values:

```
var myValue = request.getHeader('accept-encoding');
```

```
var myValue = request.getHeader('AcCePt-EnCoDiNg');
```

For this reason, scripts that did not previously return data may return values after your account is upgraded to 2017.1.

## Workflow Action Script Type Extended

In 2017.1, the workflow action script type has been extended for both SuiteScript 1.0 and SuiteScript 2.0. With this change, workflow action scripts can now reference two additional optional parameters:

- **type** – An event type, such as create or edit.
- **form** – The form through which the script interacts with the record. This parameter is available only in the `beforeLoad` context.

The following SuiteScript 1.0 snippet uses both new parameters. This snippet would add a button to the form if the record were opened in edit mode:

```
...
function workflowActionScript(id, type, form)
{
    if (type == 'edit') {
        form.addButton('custpage_testBtn', 'Test', '');
    }
}
...
```

Similarly, in SuiteScript 2.0, the context object that is made available to workflow action scripts now includes the type and form parameters. Additionally, `workflowId` has also been added as a new parameter in SuiteScript 2.0. Previously, this parameter was available only in SuiteScript 1.0.

## Enhancement for the Deposit Record

In 2016.2, SuiteScript's handling of the deposit record was enhanced. When you use SuiteScript to create or load a record, you can now control whether the script will respect the filter preferences created by the user on the record's Deposits > Payments subtab. Set the new `disablepaymentfilters` initialization parameter to `false` if you want the system to respect these preferences. Set the parameter to `true` to ignore the preferences.

In SuiteScript 1.0, you use the `initializeValues` parameter, which is part of the `nlapiCreateRecord(type, initializeValues)` and `nlapiLoadRecord(type, id, initializeValues)` methods. For example, the following SuiteScript 1.0 snippet would ignore the user's preferences.

```
var newRecord = nlapiCreateRecord('deposit', {account:'2', disablepaymentfilters: 'true'} );
```

In all cases, if you do not set a value for the `disablepaymentfilters` parameter, it defaults to `false`.

## Account ID Parameter Added to Relative URLs

SuiteScript 1.0 and 2.0 include APIs that return relative URLs. In 2017.1, these methods have been enhanced to include the appropriate NetSuite account ID. This value is identified by the `compid` parameter.

For example, in 2017.1, the SuiteScript 2.0 `url.resolveRecord(options)` method returns a string like the following:

```
/app/common/entity/custjob.nl?id=468&compid=000071
```

The same method in 2016.2 returned a string like the following:

```
/app/common/entity/custjob.nl?id=468
```

This change affects the following APIs:

- In SuiteScript 1.0, `nlapiResolveURL(type, identifier, id, displayMode)`.
- In SuiteScript 2.0:
  - `url.resolveRecord(options)`
  - `url.resolveScript(options)`
  - `url.resolveTaskLink(options)`

Note that, even in 2016.2, the `url.resolveScript(options)` results already included the `compId` parameter when you used the method to retrieve an external URL (when the method's `returnExternalUrl` parameter was set to `true`). Now, the system also includes the `compId` parameter when the method's `returnExternalUrl` parameter is set to `false`.

This enhancement may benefit you if you use any of these APIs to create absolute URLs. For example, you may need to create absolute URLs for distribution to people who may not be logged in to NetSuite. The addition of the `compId` parameter ensures that such links lead to the correct resources. Prior to this enhancement, if the intended user had access to more than one NetSuite account, it was possible for a request to be routed incorrectly. This enhancement complements the new SuiteScript 2.0 `resolveDomain` method, which is described in [SuiteScript 2.0 – New Method for Retrieving NetSuite Domain Data](#).

If you have created extremely specific methods of parsing URLs that do not account for the new parameter, you should review your integrations and make the appropriate changes. Otherwise, this change should not affect your integrations.

## Prevention of Updates to Entity Field on Currency Adjustment Journal Entries

As of 2017.1, you cannot use SuiteScript to update the entity field of the Journal Entry record for a specific kind of system-generated journal entry. The type of journal entry affected is the currency adjustment journal. This journal entry is generated during revenue reclassification for multi-currency transactions when the Revenue Commitment feature is enabled. Scripts that attempt to change the entity will not fail, but the entity will not be changed, and no error will be returned.

## SuiteScript 2.0 – Flat File Streaming Support

The 2017.1 release provides support for flat file streaming:

- [SuiteScript 2.0 file Module – New Flat File Streaming APIs Support Files over 10MB](#)
- [Flat File Streaming API – Map/Reduce Integration](#)

## SuiteScript 2.0 file Module – New Flat File Streaming APIs Support Files over 10MB

In previous releases, you could not easily access the contents of a file over 10MB. Large files needed to be split into partitions to save successfully, and stitched back together for loading.



With NetSuite 2017.1, you can use new file streaming APIs to more efficiently process and stream large CSV and plain text files.

You can load and edit each line into memory using `File.lines.iterator()`. Call `File.appendLine(options)` to append the lines back together. Note that you cannot iterate on and append lines at the same time. The `File.resetStream()` method resets the reading and writing streams that may have been opened.

To help you monitor the size of a file, the `File.size` property now holds a dynamic value. The value is a sum of the saved file size plus any updated or appended lines currently in memory.

For an example demonstrating use of these new APIs, see the following code sample:

```
require(['N/file', 'N/error', 'N/log'],
function (file, error, log)
{
    // In this sample we will compute the total for the
    // second column value in a csv file.
    //
    // date,amount
    // 10/21/14,200.0
    // 10/21/15,210.2
    // 10/21/16,250.3

    // Create the CSV file
    var csvFile = file.create({
        name: 'data.csv',
        contents: 'date,amount\n',
        folder: 39,
        fileType: 'CSV'
    });
    csvFile.appendLine({
        value: '10/21/14,200.0'
    });
    csvFile.appendLine({
        value: '10/21/15,210.2'
    });
    csvFile.appendLine({
        value: '10/21/16,250.3'
    });
    var csvFileId = csvFile.save();

    // This variable will store the total.
    var total = 0.0;

    // Load the file and
    // process all the lines
    var invoiceFile = file.load({
        id: csvFileId
    });
    var iterator = invoiceFile.lines.iterator();

    //Skip the first line (CSV header)
    iterator.each(function () {return false;});
    iterator.each(function (line)
    {
```

```

        // This function updates the total by
        // adding the amount on each line to it
        var lineValues = line.value.split(',');
        var lineAmount = parseFloat(lineValues[1]);
        if (!lineAmount)
            throw error.create({
                name: 'INVALID_INVOICE_FILE',
                message: 'Invoice file contained non-numeric value for total: ' + lineValue
            });

        total += lineAmount;
        return true;
    });

    // By the time you are here, the total variable is
    // set to 660.5
    log.debug({
        title: 'total',
        details: total
    });
}
)

```

Although the [File.getContents\(\)](#) method continues to support only files under 10MB, the file streaming APIs enforce the 10MB limit only on individual lines of content. You no longer need to partition your files into smaller, separate files to read, write, and append file contents in memory.



**Note:** Note: File streaming APIs are designed for CSV and plain text files. They are not suitable for binary files or structured, hierarchal data (such as JSON or XML files).

## Flat File Streaming API – Map/Reduce Integration

As part of file streaming enhancements, the map/reduce script type has been enhanced so that you can stream text or CSV file contents during the map stage. You can point to a file using a file path or file ID. The map/reduce framework can now pass one line per map function invocation.

To pass in a file as input data, when you invoke [getInputData\(\)](#), do one of the following:

- Load or create a [file.File](#) Object.

```

{
  type: 'file',
  id : 1234 //file internal id
}

```

- Use an [mapReduce.ObjectRef](#) Object. Set the type to 'file' and provide an absolute or virtual bundle path to a file.

```

{
  type: 'file',
  path: '/InputFiles/invoiceData.csv' //search internal id
}

```

## SuiteScript 2.0 – Asynchronous Search API Beta Release



**Important:** Asynchronous Search APIs are a beta feature. The contents of this feature are preliminary and may be changed or discontinued without prior notice. Any changes may impact the feature's operation with the NetSuite application. NetSuite warranties and product service levels shall not apply to the feature or the impact of the feature on other portions of the NetSuite application. NetSuite may review and monitor the performance and use of the feature.

NetSuite 2017.1 exposes to SuiteScript 2.0 the ability to trigger asynchronous search operations, and to automatically export these results into a CSV file stored in the file cabinet.

Before 2017.1, the ability to persist large search result sets was accessible only from the NetSuite UI. Now, you can execute SuiteAnalytics persisted search functionality using the [N/task Module](#).

The feature extends the existing N/task module with an additional task type Object. This new task type enables you to place an execution of an existing NetSuite search into the SuiteScript task queue. Persisting search results enables you to run saved searches asynchronously, for up to 3 hours.

Two new Object types are supported:

- `task.SearchTask` – encapsulates a task that initiates an asynchronous search
- `task.SearchTaskStatus` – holds a value indicating task search progress, similar to existing task status objects.

Use the `task.create(options)` method to create a `task.SearchTask` Object. To specify the CSV file that holds results in the file cabinet, set the following new parameters: `options.savedSearchID` and `options.fileId` or `options.filePath`

The `task.TaskType` enum now supports an additional value: `SEARCH`.



**Note:** There is a limit to the number of asynchronous searches running at the same time. The limit is set to be the same as the limit for CSV import. The file size limit is based on File Cabinet limits. The API itself does not introduce any additional restrictions.

## SuiteScript 2.0 – New Method for Retrieving NetSuite Domain Data

In 2017.1, SuiteScript 2.0 includes a new method that lets you dynamically discover the correct domain name for any NetSuite account.

This logic is important because the domain names for NetSuite accounts are dynamic and can change without warning. If you want to create absolute URLs to records and other resources within your NetSuite account, they must be dynamically generated using the correct domain name. It is also important to dynamically discover domains in scripts that will be bundled and distributed for use in multiple NetSuite accounts. The `url.resolveDomain(options)` method lets you retrieve the correct domain names for any NetSuite account.

The `url.resolveDomain(options)` has one mandatory parameter, `hostType`, which identifies the type of domain you want to retrieve. You populate this parameter by using the `url.HostType` enumeration. An optional parameter, `accountId`, identifies the NetSuite account for which you want to retrieve data. If no account is specified, the system retrieves data for the account that is running the script.

The following table shows sample results that you might get when using each of the available values for the `url.HostType` enum. Note that the `url.resolveDomain(options)` method returns only a domain name. It does not return a scheme (such as `https://`).

url.HostType Value	Sample Result
APPLICATION	system.na2.netsuite.com
CUSTOMER_CENTER	system.na2.netsuite.com
FORM	forms.na2.netsuite.com
RESTLET	rest.na2.netsuite.com
SUITETALK	webservices.na2.netsuite.com

**Note:** The sample results in the preceding table show domain names for the NA Northwest data center. Results will vary depending on which data center hosts the account named by the `accountId` parameter. For a full list of all data center IDs, see the help topic [Understanding NetSuite URLs and Data Centers](#). For details about other tools that let you discover domain names, see the help topic [Understanding Multiple Data Centers](#).

The following example shows how to use the `url.resolveDomain()` method to retrieve the application domain for the account with ID 012345.

```
/**
 * @NApiVersion 2.x
 */

require(['N/url'],
function(url) {
    var host = url.resolveDomain({
        hostType: url.HostType.APPLICATION,
        accountId: '012345'
    });
});
```

The next example shows how you can use the `url.resolveDomain()` method in conjunction with other logic to create an absolute URL. In this example, no value is given for the `accountId` parameter. For that reason, the script retrieves the domain for the account where the script executes.

```
/**
 * @NApiVersion 2.x
 */

require(['N/url', 'N/record'],
function(url, record) {

    var scheme = 'https://';

    var host = url.resolveDomain({
        hostType : url.HostType.APPLICATION
    });

    var relativePath = url.resolveRecord({
        recordType: record.Type.SALES_ORDER,
        recordId: 6,
        isEditMode: true
    });
```

```

    var absolutePath = scheme + host + relativePath;
  });
});

```

A related enhancement is the addition of the account ID parameter to the relative URLs returned by some [N/url Module](#) methods. For details, see [Account ID Parameter Added to Relative URLs](#).

## SuiteScript 2.0 – New Methods for Working With Select Options

In 2016.2, SuiteScript 2.0 introduced new methods to work with select and multiselect fields that were created by a front-end Suitelet or beforeLoad user event script. These methods are similar to the following SuiteScript 1.0 APIs:

- [nlapiInsertSelectOption\(fldnam, value, text, selected\)](#)
- [nlapiInsertLineItemOption\(type, fldnam, value, text, selected\)](#)
- [nlapiRemoveSelectOption\(fldnam, value\)](#)
- [nlapiRemoveLineItemOption\(type, fldnam, value\)](#)

The new methods, [Field.insertSelectOption\(options\)](#) and [Field.removeSelectOption\(options\)](#), are part of the [N/currentRecord Module](#). Because these methods operate at the field level, they can be used with either body fields or sublist fields.

As with the 1.0 APIs, the new methods work only in client scripts, and only on fields whose IDs begin with the prefix **custpage**.

## 2017.1 SuiteScript Record Exposures

Record Type	Newly Exposed/Update	Notes
<a href="#">Advanced Intercompany Journal Entry</a>	Newly Exposed	An advanced intercompany journal entry includes all of the operations of the original journal entries, in addition to new time-saving functions. For more information about this newly introduced record, see <a href="#">Advanced Intercompany Journal Entries</a> .
<a href="#">Fulfillment Request</a>	Newly Exposed	Available when the Fulfillment Request feature is enabled. For more information about this record, see the help topic <a href="#">Fulfillment Requests</a> .
<a href="#">Project Revenue Rule</a>	Newly Exposed	Available when the when the Project Management, Charge-Based Billing, and Advanced Revenue Management features are enabled. All three types of project revenue rules are supported: labor based, fixed amount, and percent complete.
<a href="#">Revenue Recognition Event</a>	Newly Exposed	Available when the Advanced Revenue Management feature is enabled.
<a href="#">Shopping Cart</a>	Newly Exposed	This record is not fully scriptable. Only search is permitted.

Record Type	Newly Exposed/Update	Notes
		Client SuiteScript is not supported for this record. It is scriptable in server SuiteScript only.
Store Pickup Fulfillment	Newly Exposed	Available when the Store Pickup feature is enabled. For more information about this record, see the help topic <a href="#">Store Pickup</a> .

## 2017.1 SuiteScript Records Browser

The 2017.1 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.

## jQuery UI Library No Longer Loaded on NetSuite Pages

Programmatic access to the NetSuite UI has always required the use of SuiteScript APIs. SuiteScript has never supported direct access to the NetSuite UI through the Document Object Model (DOM). Prior to 2017.1, the jQuery UI library was loaded on each NetSuite page. It is possible that your implementations relied on this library, although this usage was never supported.

As of 2017.1, the jQuery UI library is no longer loaded on each NetSuite page. Notice of this change is provided as a courtesy, so you can check your implementations and make changes as needed. If you want to use jQuery UI in your scripts, you must import your own version of this library.

For more information about using third party libraries in SuiteScript 2.0, see the help topic [SuiteScript 2.0 Custom Modules](#).

## SuiteTalk (Web Services) Integration

Refer to the following sections for details on all SuiteTalk (Web Services) updates for NetSuite 2017.1:

- [Absolute Session Timeouts for Web Services](#)
- [Newly Supported Record Types for SuiteTalk](#)
- [Removal of getConsolidatedExchangeRate](#)
- [Enhanced Budget Record Support for Accounting Periods](#)
- [Localization Sublist Changes in the Account Record](#)
- [New and Modified Search Objects](#)
- [New Search Joins](#)
- [Additional Values for Enumerations](#)
- [Field Exposures to Multiple Item Types](#)
- [Release Preview Version of 2017.1 WSDL Now Available](#)
- [Araxis Merge Diff File for the 2017.1 Endpoint](#)

## ■ 2017.1 SuiteTalk Schema Browser

# Absolute Session Timeouts for Web Services

The Open Web Application Security Project (OWASP) provides the following guideline: All sessions should implement an absolute timeout, regardless of session activity. This timeout defines the maximum amount of time a session can be active. The session is closed and invalidated upon the defined absolute period because the specific session was initially created by the web application. After the session is invalidated, the user must authenticate (log in) again in the web application and establish a new session. The absolute session timeout limits the amount of time possible for a potential attacker to use a hijacked session to impersonate a user.

To enhance the security of your account and to comply with this guideline, NetSuite 2017.1 implements the following changes:

- For web services using the login operation, the absolute session timeout value will be set to one hour. This change takes effect when your account is upgraded to 2017.1.
- Targeted for May 2017:
  - For web services using the ssoLogin operation (Inbound SSO), the absolute session timeout value will be set to one hour.
  - For UI sessions, the absolute session timeout value will be set to 24 hours. This timeout will also affect those customers who have plug-ins that automatically refresh sessions.

If you use sessions with your web service integrations, you must ensure that your web services calls are able to handle session timeouts.

It is recommended that your integrations use sessionless protocols based on request level credentials, such as User Credentials or Token-based Authentication (TBA). See the help topic [Authentication for Web Services](#) for more information about these authentication options.

## Newly Supported Record Types for SuiteTalk

Newly Supported Record Type	Category	Notes
<a href="#">Consolidated Exchange Rate</a>	List	<p>If you use NetSuite OneWorld and your subsidiaries have different base currencies, you can maintain a table of consolidated exchange rates. This table is used to ensure that for consolidation purposes, currency amounts properly roll up from child to parent subsidiaries.</p> <p>The Consolidated Exchange Rates table is available at Lists &gt; Accounting &gt; Consolidated Exchange Rates. For information about the consolidated exchange rate record and working with it in the user interface, see the help topic <a href="#">Using Consolidated Exchange Rates</a>. You cannot create or delete consolidated exchange rates in web services, you can only view and edit them. For more information, see the help topic <a href="#">Consolidated Exchange Rate Supported Operations</a> for the consolidated exchange rate record.</p>
<a href="#">Usage</a>	Transactions	In the Advanced Subscription Billing feature, usage is connected to the subscription line. Examples of usage include money, time, cellular data, internet data, and

Newly Supported Record Type	Category	Notes
		<p>so on. For information about the usage record and working with it in the user interface, see the help topic <a href="#">Working with Usage</a>.</p> <p>To work with the usage record in web services, you must have the Advanced Subscription Billing feature enabled for your account.</p> <p>To add a usage record, you must first add subscription and subscription line records in the user interface.</p>

## Removal of getConsolidatedExchangeRate

The exposure of the consolidated exchange rate record has prompted the removal of the `getConsolidatedExchangeRate` operation from the 2017.1 endpoint. `getConsolidatedExchangeRate` can still be used on endpoints prior to 2017.1.

## Enhanced Budget Record Support for Accounting Periods

In endpoints earlier than 2017.1, the budget record supported no more than 12 accounting periods. With the new endpoint, the budget record supports more than 12 accounting periods for add, get, and search operations. If your accounting setup consists of more than 12 accounting periods, you can add, retrieve, and search for up to 24 accounting periods. For information about accounting periods, see the help topic [Setting Up Accounting Periods](#).

## Localization Sublist Changes in the Account Record

As of version 2017.1, the Legal Name field is available on the Localization sublist of the account record. You can only add lines to the Localization sublist by using the update operation. Adding lines by the add operation is not supported.

## New and Modified Search Objects

The 2017.1 endpoint includes new or modified values for the following search objects.

Search Object	Notes
RevRecScheduleSearchBasic, BinSearchBasic, CouponCodeSearchBasic	Addition of externalID and externalIDString
RevRecScheduleSearchRowBasic, BinSearchRowBasic, CouponCodeSearchRowBasic	Addition of externalID
TransactionSearchRowBasic, InventoryNumberBinSearchRowBasic	Changes in field or column types
PromotionCodeSearchBasic, PromotionCodeSearchRowBasic	Field removal

## New Search Joins

The 2017.1 endpoint includes new search joins for the following search objects.



Search Object	XSD
JobSearch, JobSearchRow	<a href="#">relationships.xsd</a>
TimeSheetSearch, TimeSheetSearchRow	<a href="#">employees.xsd</a>
TransactionSearch, TransactionSearchRow	<a href="#">sales.xsd</a>
BillingSearch, BillingSearchRow	<a href="#">relationships.xsd</a>

## Additional Values for Enumerations

The 2017.1 endpoint includes additional values for the following enumerations.

Enumeration Object	XSD
MediaType	<a href="#">fileCabinetTypes.xsd</a>
ItemType, ItemAccountMappingItemAccount	<a href="#">accountingTypes.xsd</a>
TransactionStatus, TransactionPaymentEventResult, TransactionPaymentEventType, TransactionPaymentEventHoldReason, TransactionLinkType	<a href="#">saleTypes.xsd</a>
Source, PermissionCode	<a href="#">commonTypes.xsd</a>

See the 2017.1 Schema Browser for lists of enumeration values.

## Field Exposures to Multiple Item Types

The 2017.1 endpoint exposes the directRevenuePosting, forecastRevRecRule, dropShipItem, and vendor fields to multiple item types.

To work with these fields, the following features and preferences must be enabled in your account.

Field	Feature or Preference
directRevenuePosting, forecastRevRecRule	Accounting Periods, Revenue Recognition, Advanced Revenue Management under Accounting at Setup > Company > Setup Tasks > Enable Features.
dropShipItem, vendor	Allow Purchase of Assembly Items under Order Management > Work Orders at Setup > Accounting > Preferences > Accounting Preferences.

See the 2017.1 Schema Browser or the Araxis Diff File for the list of item types to which these fields are exposed.

For information about working with these fields in the user interface, see the help topics [Configuring Items for Advanced Revenue Management](#) and [Drop Ship Items](#).

For information about working with item records, see the help topic [Usage Notes for Item Record Types](#).

## Release Preview Version of 2017.1 WSDL Now Available

When your account is upgraded to version 2017.1, the 2017.1 WSDL becomes available in your production account. However, this version is considered a beta released product. During the time

that the WSDL is in beta, changes may be made that are backward incompatible. It is recommended that you use the beta version for testing and development purposes only. After the WSDL becomes generally available, you can upgrade your other client applications.

You are able to access the new WSDL during your release preview period. Click [here](#) to view the 2017.1 Release Preview (beta) WSDL.

## Araxis Merge Diff File for the 2017.1 Endpoint

The [Araxis Merge Diff file](#) highlights 2016.2 — 2017.1 schema changes.

### 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 will look. 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).

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

When you click any of these links, the 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`. Note 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="_advancedAnalytics"/>
520	<enumeration value="_allocationSchedules"/>	521	<enumeration value="_advancedPDFHTMLTemplates"/>
521	<enumeration value="_allowNonGLChanges"/>	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`. Note that the `chargeType` element changed from an enumeration to a `RecordRef`.

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

## 2017.1 SuiteTalk Schema Browser

The 2017.1 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 [Working with the 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 Eclipse-based integrated development environment (IDE) that is packaged for NetSuite platform development.



**Important:** When your account is upgraded to 2017.1, your instance of SuiteCloud IDE does not get updated automatically to SuiteCloud IDE 2017.1. After your account upgrade, you must manually upgrade SuiteCloud IDE. For more information, see the help topic [Updating Eclipse for Use with SuiteCloud IDE](#).

SuiteCloud IDE 2017.1 includes the following behavior changes:

- [Java Runtime Environment 1.7 or Later Requirement](#)
- [Changes to SuiteCloud IDE Versioning and NetSuite Account Compatibility](#)

Generally, SuiteCloud IDE 2017.1 behavior changes are designed to support the SuiteCloud Development Framework. For information about additional features that impact SuiteCloud IDE, see the release note for [SuiteCloud Development Framework \(Beta\)](#).

## Java Runtime Environment 1.7 or Later Requirement

The previous version of SuiteCloud IDE required version 1.5 or later of the Java Runtime Environment (JRE). SuiteCloud IDE 2017.1 requires version 1.7 or later of JRE. For more information about SuiteCloud IDE requirements, see the help topic [SuiteCloud IDE Installation Prerequisites](#).


## Changes to SuiteCloud IDE Versioning and NetSuite Account Compatibility

Previous versions of SuiteCloud IDE automatically updated to the latest version each time you performed software updates in Eclipse. This update process is no longer automatic for SuiteCloud IDE versions 2017.1 and later. After your NetSuite account is upgraded to 2017.1, you must manually update SuiteCloud IDE.

In addition, SuiteCloud IDE versions 2017.1 and later have new 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.

To update SuiteCloud IDE after your account is upgraded to 2017.1, modify the SuiteCloud IDE update URL in Eclipse to download and install SuiteCloud IDE 2017.1. For more information about upgrading SuiteCloud IDE, see the help topic [Updating Eclipse for Use with SuiteCloud IDE](#).

## SuiteCloud Development Framework (Beta)

 **Warning:** This release note describes a beta feature. The contents of this feature are preliminary and may be changed or discontinued without prior notice. Any changes may impact the feature's operation with the NetSuite application. Warranties and product service levels shall not apply to the 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.

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, see the help topic [SuiteCloud Development Framework Overview \(Beta\)](#).

With the release of SuiteCloud Development Framework, we have also updated the SuiteCloud Terms of Service 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/termsofservice>.

NetSuite 2017.1 includes the following enhancements to SuiteCloud Development Framework features:

- [SuiteCloud Development Framework Command Line Interface](#)
- [SDF SuiteApp Development Support](#)
- [Ability to Convert Bundles into Account Customization Projects](#)
- [Modification of Attributes for File Cabinet Files and Folders](#)
- [Updates to SuiteCloud IDE Context Menus](#)
- [Comparison of Custom Objects in Projects with Custom Objects in NetSuite Accounts](#)
- [Updating of Multiple Custom Objects with a Single Action](#)

Generally, SDF features are supported by SuiteCloud IDE. For information about additional features that may impact SDF, see the release note for [SuiteCloud IDE](#).

## SuiteCloud Development Framework Command Line Interface

NetSuite 2017.1 includes a new tool, SuiteCloud Development Framework Command Line Interface (CLI). You can use CLI with your own integrated development environment (IDE) to create SuiteCloud 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 CLI, see the help topic [Command Line Interface Guide \(Beta\)](#).

CLI is available for Windows, Linux, and Mac OS X. For more information, see the help topic [CLI Installation Prerequisites](#).

Download the latest release (2017.1.2): [https://system.netsuite.com/download/ide/update\\_17\\_1/plugins/com.netsuite.ide.core\\_2017.1.2.jar](https://system.netsuite.com/download/ide/update_17_1/plugins/com.netsuite.ide.core_2017.1.2.jar). For information about installation, see the help topic [Installing CLI](#).

## SDF SuiteApp Development Support

NetSuite 2016.2 introduced SDF support for account customization projects, which are intended to customize your NetSuite accounts. NetSuite 2017.1 includes support for SuiteApp projects, which are self-contained, standalone projects that enable SuiteCloud Developer Network (SDN) members to develop and deploy SDF SuiteApps to their NetSuite accounts. For more information, see the help topic [Creating a SuiteApp Project](#).

To create, develop, and deploy an SDF SuiteApp, you must become an SDN partner and get your assigned publisher ID from SDN. To become an SDN partner, see <http://www.netsuite.com/portal/developers/sdn.shtml>. To publish an SDF SuiteApp, use SuiteBundler to bundle and share the SDF SuiteApp. For more information, see the help topic [Publishing an SDF SuiteApp](#).

If you are not an SDN partner or do not have a publisher ID, you can create a SuiteApp using SuiteBundler or an account customization project using SDF. For information about using SuiteBundler to create SuiteApps, see the help topic [SuiteApp Creation and Distribution](#). For more information about account customization projects, see the help topic [SuiteCloud Project Types](#).

The following new features support SuiteApp projects:

- **Publisher IDs are assigned by SDN:** Each SDF SuiteApp must have a unique publisher ID to protect your intellectual property. A publisher ID usually consists of a domain, such as com or org, followed by a dot and then a publisher name, such as the name of your company. As an SDN partner, you can activate or deactivate any publisher ID that SDN has assigned to you.
- **Activated publisher IDs are referenced in SuiteApp projects:** You can reference a registered and activated publisher ID when you create a new SuiteApp project in SuiteCloud IDE. Alternatively, you can reference the ID in the project manifest file.
- **Each SuiteApp project is represented by an app ID:** Each SDF SuiteApp is assigned an app ID. You can locate app IDs in your SuiteApp project by looking at the subfolder names under the FileCabinet/SuiteApps folder. An app ID has the notation <domain>.<company>.<projectid> or <publisherid>.<projectid>. For example, com.netsuite.helloworld or org.mycompany.helloworld are valid app IDs.
- **SuiteApp projects can be validated on demand against your NetSuite account:** You can validate SuiteApp projects against your NetSuite account at any time during the development process without deploying the project.
- **You can view and uninstall SDF SuiteApps in your NetSuite account:** You can view and uninstall any SDF SuiteApps installed in your NetSuite account by going to Customization > SuiteCloud

Development > Installed SuiteApp List. For more information, see the help topic [Viewing and Uninstalling SDF SuiteApps in Your NetSuite Account](#).

## Ability to Convert Bundles into Account Customization Projects

You can now convert bundles that you own in your NetSuite account into SDF account customization projects. You can use SuiteCloud IDE to view a list of bundles that can be imported into an account customization project.

The following types of NetSuite customizations, which may be included in bundles, currently cannot be imported into account customization projects:

- Files that are not located in the FileCabinet/SuiteScripts folder
- Files that are larger than 10MB
- Hidden files
- Custom record instances
- Locked records
- Records that are not supported by SDF

For more information about records that are supported by SDF, see the help topic [Supported Custom NetSuite Objects](#).

If you import a bundle that contains unsupported NetSuite customizations, the import log indicates which customizations were excluded from the import.

For more information, see the help topic [Converting a Bundle Into an Account Customization Project \(Beta\)](#).

## Modification of Attributes for File Cabinet Files and Folders

When you use SuiteCloud IDE to create a file or folder that is supported by SDF, an attribute XML file is created in a .attributes subfolder. You can modify the following attributes by editing the XML representation of an attribute file:

- **<description>**: The file or folder description.
- **<bundleable>**: A T or F value that indicates whether the file or folder can be selected for bundle inclusion. This attribute corresponds to the **Available for SuiteBundles** box in the NetSuite File Cabinet.
- **<isinactive>**: A T or F value that indicates whether the file or folder is inactive.
- **<isprivate>**: A T or F value that indicates whether the folder is private and accessible only to the project owner.
- **<hideinbundle>**: A T or F value that indicates whether the file or folder is hidden, which prevents anyone who installs the bundle from accessing the file or folder in the target account. This attribute corresponds to the **Hide in SuiteBundles** box in the NetSuite file cabinet.

For account customization projects, attributes are supported for files and folders under the FileCabinet/SuiteScripts folder. For SuiteApp projects, attributes are supported for files and folders under the FileCabinet/SuiteApps folder.

For more information, see the help topic [Modifying NetSuite Customization Attributes](#).

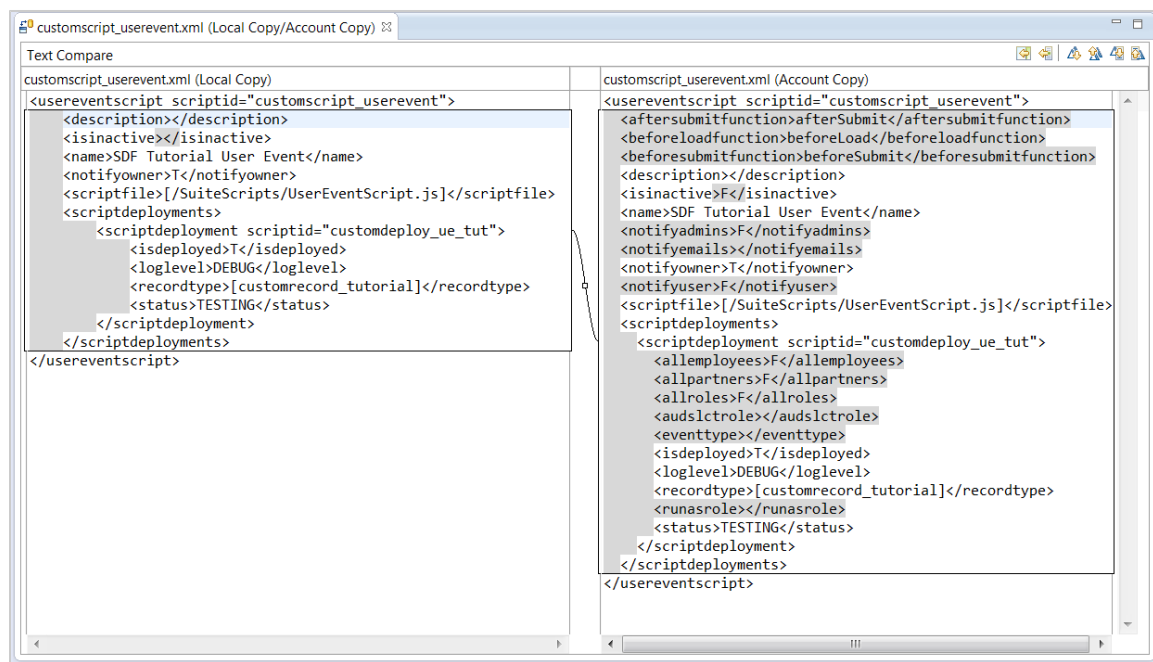
## Updates to SuiteCloud IDE Context Menus

Some right-click context menu items in the SuiteCloud IDE have been renamed and reorganized to support new SuiteCloud Development Framework features. The following context menus for SuiteCloud projects have been updated:

- Object editor
- Project folder
- FileCabinet files, folders, and subfolders
- Objects files and folders
- Other file editor

## Comparison of Custom Objects in Projects with Custom Objects in NetSuite Accounts

A new SuiteCloud IDE context menu option, Compare Custom Object with Account Version, is available when you right-click a custom object in a SuiteCloud project. This option determines whether a custom object type with the same script ID exists in the desired NetSuite account. If the object exists in the account, a new tab opens in the SuiteCloud IDE. This tab shows a side-by-side comparison of the custom object XML in the project and the XML representation of the account object. For more information, see the help topic [Comparing a Custom SuiteCloud Object with a Custom NetSuite Object](#).



## Updating of Multiple Custom Objects with a Single Action

A new SuiteCloud IDE context menu option, Overwrite Custom Objects with Account Version, is available when you right-click any folder in a SuiteCloud project. This option determines which custom objects in the project share the same script IDs as similar custom objects in the desired NetSuite account. You can then select the custom objects in the project that you want to overwrite. For more information, see the help topic [Overwriting Custom SuiteCloud Objects with Custom NetSuite Objects](#).



## SuiteApps (Bundles) Released by NetSuite

NetSuite 2017.1 includes the following enhancements to SuiteApps released by NetSuite:

- Dun & Bradstreet for NetSuite Integration Enhancements
- Dunning Enhancements
- Electronic Payments Enhancements
- Grid Order Management Enhancements
- Project Resource Management
- Enhancement to Mexico Compliance
- Software Vertical Contract Renewals Enhancements
- Recurring Billing Enhancements
- Script Queue Monitor in Application Performance Management (APM)
- StickyNotes Enhancements
- Subsidiary Navigator Enhancements
- File Drag and Drop Enhancements
- Fixed Assets Management Enhancements
- Support for Per Nexus Cash Basis Tax Reporting in International Tax Reports
- Accounting Context Support for Tax Audit Files
- Spain Online VAT Register
- Grid Order Management Version 6.0 Enhancements
- Dashboard Tiles SuiteApp
- Navigation Portlet SuiteApp
- Auto-charge Credit Card SuiteApp
- Enhancements to EU Intrastat Reporting in International Tax Reports
- Enhancements to Non-deductible Input Tax Feature in International Tax Reports

## Dun & Bradstreet for NetSuite Integration Enhancements

In December 2016, with the release of D&B for Netsuite Integration version 1.00.8, the following features were introduced:

- Data Monitoring for D&B Data Management for NetSuite
- D&B Role Permissions

The following enhancement is available beginning January 27, 2017:

- Additional Fields for Updating Entity Details with D&B Values

## Data Monitoring for D&B Data Management for NetSuite

With Data Monitoring, you can track and apply D&B updates to registered D&B reference records in NetSuite. There are two ways to register records for Data Monitoring:

- Manually register existing records in bulk.



- Enable a preference that automatically registers new records created during entity matching.

For more information, see the help topic [Using Data Monitoring for D&B Reference Records](#).

## D&B Role Permissions

In previous versions of the SuiteApp, you have to assign each custom role with D&B permissions. The new version provides D&B Role Permissions records that enable you to assign predefined D&B permissions to multiple custom roles.

D&B Role Permissions records have been set up for each of the D&B roles: D&B Buyer, D&B Sales Rep, D&B Credit Manager, D&B Sales Manager. These predefined records contain the permissions required by D&B roles to accomplish their specific tasks. You can use the D&B Role Permissions records in the following ways:

- Update a record to add custom roles that require the same permissions assigned to a D&B role.
- Make a copy of a record if you want to add custom roles and update the default D&B permissions. On your copy of the record, you can assign more or remove permissions not required by your custom roles.

For more information about D&B Role Permissions, see the help topic [Configuring D&B Role Permissions](#).

Custom roles that you set up in D&B Role Permissions records must have the standard permissions for accessing lead, prospect, customer, or vendor records. Also, you must give them at least the View access for the following records: D&B Role Permissions, Custom Lists, SuiteScript.

- For more information about permissions for entity records, see the help topic [Working with Records](#).
- For more information about assigning D&B record permissions, see the help topic [Assigning D&B Record Permissions to Custom Roles](#).

For more information about these enhancements, see the help topic [Dun & Bradstreet for NetSuite Integration](#).

## Additional Fields for Updating Entity Details with D&B Values

The following fields are now available for updating entity details in NetSuite with data from D&B:

- Postal Code
- Street Address 2
- Addressee

See the help topic [Updating Entity Details with D&B Values](#).

## Dunning Enhancements

The Dunning Letters SuiteApp has new features that provide enhanced control and customization in working with dunning letters:

- The Dunning Letters SuiteApp supports 20 additional languages for automatic matching of templates according to your customers' preferred languages.

- Choosing to attach a statement when creating a dunning template enables new fields. In the fields, you can define a statement date and statement start date.
- Dunning template records can be tracked using System Notes, which logs changes to the fields of a dunning template.
- A new FreeMarker tag for customer dunning enables the Days Overdue field in dunning templates.

## Electronic Payments Enhancements

Enhancements to the Electronic Payments SuiteApp 2017.1 include the following features:

- [Name Change of Electronic Payments SuiteApps](#)
- [Updates to Direct Debit Format Names](#)
- [Instant Bank Payment File Creation Enhancements](#)
- [New Column Fields for Queue Management](#)



**Important:** The following Electronic Payments features are targeted to be available in NetSuite 2017.1. Prior to the upgrade of your production account, be sure to test the new features in your Release Preview account.

### Name Change of Electronic Payments SuiteApps

NetSuite Electronic Payments is now called Electronic Bank Payments. The Electronic Bank Payments SuiteApp enables you to generate payment files that can be used for local or domestic payments.

NetSuite Electronic Payments for OneWorld is now called Advanced Electronic Bank Payments. The Advanced Electronic Bank Payments SuiteApp enables you to generate payment files that can be used for international, as well as domestic payments. Additional features include:

- Worldwide payment format support
- Multicurrency payment processing
- Automated payment batch creation
- Custom payment file template support
- SuiteCloud Plus support



**Note:** Prior to your account upgrade to NetSuite 2017.1, search for the SuiteApp in your Release Preview or Sandbox account using the new names: Electronic Bank Payments or Advanced Electronic Bank Payments.

### Updates to Direct Debit Format Names

To distinguish between EFT and direct debit formats that have the same name, the **DD** suffix will be added to the following Direct Debit Formats:

Country	Updated Direct Debit Format Names
Australia	ABA DD
Germany	DTAUS DD

Country	Updated Direct Debit Format Names
Singapore	DBS — IDEAL DD UoB — BIB-IBG DD
UK	BACS DD

## Instant Bank Payment File Creation Enhancements

Currently, reversals are not available for payment files generated through Instant Bank Payment File Creation. In the new version of Electronic Payments, you will be able to perform a full or partial reversal for processed instant bank payment files. For more information about reversals, see the help topic [Reversing Payments](#).

When processing customer payments through Instant Bank Payment File Creation, the **For Electronic Payment (Direct Debit)** box will be checked automatically for customers that have been set up for Electronic Payment. Likewise, if the user selects other payment methods, the box will be automatically cleared. For more information, see the help topic [Electronic Bank Payment Tagging on Payment Transactions](#).

## New Column Fields for Queue Management

In the new version of Electronic Payments, new column fields will be added to the **Queue Management** subtab of the Electronic Payments Preferences page. These fields will be dedicated to SuiteScript 2.0 script deployments. In particular, three new column fields will be introduced for subprocesses that are currently run by the single Payment Creator script (customdeploy\_ep\_payment\_creator\_ss): Transaction Marking (New), Payment Processing (New), Bank File Creation (New). Creating separate scripts for these subprocesses will distribute the processing load more efficiently.

Refer to the following table for the list of new column fields, deployments, and supported features.

New Column Fields per Process	Default SuiteScript 2.0 Script Deployments	Regular Payment Processing (EFT)	Instant Bank File Generation (EFT and DD)
Scheduler	customdeploy_8858_scheduler_ss	Y	Y
Transaction Marking	customdeploy_8859_transaction_marker	Y	N
Payment Processing	customdeploy_8858_payment_processor_mr	Y	N
Bank File Creation	customdeploy_9997_file_generation_ss	Y	Y
Rollback	customdeploy_8859_ep_rollback_mr	Y	N
Reversal	customdeploy_8858_reverse_payments_mr	Y	Y
Notification	customdeploy_8859_email_notification_mr	Y	Y
Instant Payment Processing	customdeploy_9997_payment_to_admin_mr	N	Y

New Column Fields per Process	Default SuiteScript 2.0 Script Deployments	Regular Payment Processing (EFT)	Instant Bank File Generation (EFT and DD)
Remove Unprocessed Transaction	customdeploy_9997_trans_unlinker_mr	Y	N

For information about setting up multiple queues, see the help topic [Setting Up Multiple Script Queues to Generate Payment File Formats](#).

## Grid Order Management Enhancements

Grid Order Management version 5.02 includes the following features and enhancements:

- [Grid Matrix View](#)
- [Bulk Grid Printing](#)
- [Multiselect Available In Field on Grid Templates](#)
- [Grid Order Entry for Estimates](#)
- [Wildcard Search for Locations and Templates](#)
- [Grid Customization for Printing Purchase Orders and Sales Orders](#)

### Grid Matrix View

On parent matrix item records, the **Grid Matrix Information** subtab will be added to display a grid view of the following item quantities or stock levels:

- Quantity on hand
- Quantity available
- quantity on order

Quantities for parent and child items are included in the grid, with the following considerations:

- In NetSuite OneWorld, you can access items within your subsidiary only.
- If the Multi-Location Inventory feature is enabled, you can sort items by location.

For more information, see the help topic [Viewing Matrix Items in Grid Format](#).

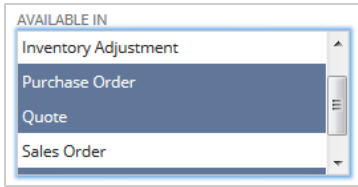
### Bulk Grid Printing

Bulk Grid Printing enables you to generate PDF files of multiple transactions of the same type. Bulk printing of orders in grid format is available only for transactions that have grid print templates. The generated PDF files are attached to their log records. In the **File Link(s)** column of a log record, click one or more PDF files to view and print.

For more information, see the help topic [Bulk Grid Printing](#).

### Multiselect Available In Field on Grid Templates

On grid item and matrix templates, the **Available In** field is now a multiselect field. This change enables you to select multiple transaction types where you want the template to be available.



## Grid Order Entry for Estimates

You can use the Grid Order Entry form to enter orders on estimates. To use this feature, create or edit a grid item or matrix template, and select **Quote** in the **Available In** field. If you create grid matrix templates in bulk, the templates will be automatically available in estimates.

For more information, see the help topics [Setting Up Grid Templates](#) and [Creating Grid Matrix Templates in Bulk](#).

## Wildcard Search for Locations and Templates

You can use the % wildcard character to search for locations on the **Grid Matrix Information** subtab of parent matrix item records. You can also use the % wildcard character to search for templates on the Grid Order Entry form on transactions. You can use the % wildcard in the following ways:

- **str%** – To retrieve values that begin with **str**
- **%str** – To retrieve values that end with **str**
- **%str%** – To retrieve values that contain **str**

For more information, see the help topic [Grid Order Management](#).

## Grid Customization for Printing Purchase Orders and Sales Orders

Previously, there was no option to use customized grid print templates for purchase orders and sales orders. In Grid Order Management 5.02, you will be able to customize the standard grid print templates, including the grid.

An administrator or developer with knowledge of FreeMarker and JSON can customize the standard grid print templates. The custom templates must be uploaded to the Grid Printing Templates folder in the File Cabinet. The templates will be available for selection in the **Purchase Order** field and **Sales Order** field on the **Grid Printing** subtab of the Grid Preferences page.

You can still use standard grid order printing for purchase orders and sales orders. In Grid Order Management 5.02, the standard grid order printing templates provided by the SuiteApp are already selected by default in the **Purchase Order** field and **Sales Order** field on the **Grid Printing** subtab. You do not need to change the selected templates unless you want to use custom templates.

See the help topic [Customizing the Grid for Printing Purchase Orders and Sales Orders](#).

## Enhancement to Mexico Compliance

The Mexico Compliance SuiteApp has a new **Payment Method** subtab available on the Bill Payment page. The **Payment Method** subtab has fields where you can choose the payment method and vendor bank record. This feature is helpful in meeting the requirements of your vendors or tax agencies in

making payments. For OneWorld accounts, the **Payment Method** subtab is available only if the nexus of the subsidiary is in Mexico.

## Project Resource Management

The Project Resource Management (PRM) SuiteApp offers visual management of your project task assignments and resource allocations. You can edit existing tasks and allocations, and create new task assignments and allocations directly from the grid.

The grid is organized first by project and then task and resource. It displays the estimated hours and percent complete for each project and task. For each resource, the Project Resource Manager displays the allocated hours and percentage as well as the assigned hours and the number of hours worked. The Hours Allocated, Hours Assigned, and Hours Worked columns roll up to display the totals for each project listed.

You can choose to display the chart in a daily, weekly, or monthly format by clicking the links at the top of the chart. You can also customize and save a view to filter the grid by start date, resource type, resource, customer, project, and task.



**Important:** The Project Management and Resource Allocations features are required to install and use the Project Resource Management SuiteApp. For more information, see the help topic [Enabling Project Features](#).

For more information and installation instructions, see the help topic [Project Resource Management](#).

## Software Vertical Contract Renewals Enhancements

The latest version of the Software Vertical Contract Renewals SuiteApp will include the following features:

- [Contract Item Uplift](#)
- [On-Demand Create Contract Items](#)

### Contract Item Uplift

You can enter a percentage uplift for a contract item in the Contract Item Uplift field on the contract item record. When the contract is renewed, the list rate for the contract item on the renewal contract will be increased by the percentage uplift set in this field.

If a value is specified in this field, it overrides the uplift value set in the Contract Uplift field on the contract record or on the **Contract** subtab of the customer record.

For more information, see the help topic [Editing a Contract](#).

### On-Demand Create Contract Items

This feature enables you to create contract items on demand by clicking the **Create Contract Items** button on the contract record. This button is available for contracts that satisfy the following conditions:

- Contract is not Inactive.
- Contract status is Pending.

- Contract has no contract items.

When the contract items are successfully created, the contract's status becomes Active.

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

## Recurring Billing Enhancements

Recurring Billing version 17.1 includes the following features:

- Pre-Billing
- User Experience and Performance Improvements for Recurring Billing

Recurring Billing version 17.1 is available in accounts running NetSuite 2017.1.

### Pre-Billing


In previous versions, you can generate invoices only for subscriptions that have a next billing date set to the current date or past date.

Recurring Billing version 17.1 supports pre-billing. This feature enables you to generate an advance invoice for the nearest unbilled period by specifying an advance billing date for the subscription.

**Advance Billing Date** is a hidden field on the subscription record that can be set only by using scripts or mass update.

You can generate advance invoices for subscriptions with an advance billing date that matches the current date. To generate an advance invoice for a single subscription, click the **Run Pre-Billing** button on the subscription record. Pre-billing also supports advance invoice creation for multiple subscriptions by running the SWV\_SB\_SS\_BEScheduler script (manually or through the Script Runner portlet) or using mass update.

To generate advance invoices using the SWV\_SB\_SS\_BEScheduler script, you need to enable the pre-billing preference on the Subscription Billing Preferences page. Go to Subscription Billing > Account Setup > Subscription Billing Preferences, and check the **Enable Pre-Billing** box on the **General Billing Defaults** subtab.

 **Note:** The **Enable Pre-Billing** preference is not automatically available in your account after the upgrade to Recurring Billing version 17.1. To show and enable this preference, you need to run the SWV\_SB\_SS\_CreatePreBillingPref script. This script adds and automatically checks the **Enable Pre-Billing** box on the Subscription Billing Preferences page.

For more information, see Pre-Billing in [Recurring Billing Guide](#).

### User Experience and Performance Improvements for Recurring Billing

Recurring Billing version 17.1 includes the following user experience and performance enhancements:

- Enhancements to the Add to Existing Subscription Process on Sales Orders – In previous versions, multiple add to existing subscription sales orders must be approved one at a time to avoid exceeding the workflow execution usage limit.

Recurring Billing Version 17.1 includes an enhancement to the add to existing subscription process on sales orders. This enhancement enables you to approve multiple add to existing subscription

sales orders without exceeding the workflow execution usage limit. The recommended maximum number of line items per sales order is 50.

- Label changes in Recurring Billing version 17.1:

Old Version	New Version	Description
Configure	Configure Subscription	Column on the Items subtab of a subscription sales order. Check the box in this column to open the Recurring Billing Configurator window and set up the subscription details for the line item.
Configure Subscription	Configure Subscription Price	Button on the Recurring Billing Configurator, Add Subscription Item change order, and Migrate Subscription Plan change order windows. Click this button to open the Customize Subscription Price window and specify a custom price for the subscription item.

## Script Queue Monitor in Application Performance Management (APM)

Application Performance Management version 1.05 includes an integrated and overhauled Script Queue Monitor.

The Script Queue Monitor dashboard in APM provides charts and status details for scheduled script instances running on multiple queues. Account administrators can use the visualizations provided by the Script Queue Monitor to review and manage script queue usage. This information can inform the retargeting of scheduled script deployments to different queues, to maximize the benefit obtained from SuiteCloud Plus.

To use the Script Queue Monitor dashboard in APM, go to Customization > Performance > Script Queue Monitor. The following portlets are available on the Script Queue Monitor dashboard:

- Overview** – Shows KPIs that can help you to discover script queue congestion or inefficiency. A summary of relevant information about script instances aggregated by deployment name, script name, and queue is also available.
- Queue Utilization** – Includes charts for percentage utilization and instance count of your script queues.
- Script Instance Heat Map** – Includes a heat map chart that shows script executions over a timeline. The heat map chart can help you to analyze script execution patterns and to identify peak and off-peak times for a specific queue.
- Queue Status** – Shows the real-time status of your script queues. This portlet can help you to identify available queues and view pending scripts for busy queues.

**Note:** Only administrators initially have access to the Script Queue Monitor dashboard after the upgrade to Application Performance Management version 1.05. To provide access to other roles or employees, administrators can go to Customization > Performance > APM Setup and save the setup.

For more information, see the help topic [Using the Script Queue Monitor Dashboard in APM](#).



## StickyNotes Enhancements

The latest version of the StickyNotes SuiteApp includes the following enhancements:

- **Attach files to notes** – You can now drag and drop any file to attach it to a new note or to a reply note. Supported images can be viewed as a thumbnail, and other files are displayed as an icon that corresponds to the file type. For information on the supported file types, see the help topic [Supported File Attachments for StickyNotes](#).
- **Reply to notes through email** – Note recipients are now notified through email whenever someone replies to a note in which they are tagged. You can reply to the notification email to add a reply note to the record where the note was created. For more information, see the help topic [Replying to a Note](#).
- **Search public notes** – You can now search for specific keywords on all public notes on the account, even if you are not a recipient. If you have access to the global search feature in the StickyNotes board, you can enter keywords in the field provided to search all notes.
- **Export notes to a CSV file** – From the StickyNotes board, you can generate a CSV file of all the notes, including replies to notes, that match the criteria you specified. A link to the note attachments is accessible from the CSV file, so you can still view the files you have attached to certain notes.

For more information about these enhancements, see the help topic [Creating StickyNotes on Record Pages](#).

## Subsidiary Navigator Enhancements

The latest version of the Subsidiary Navigator SuiteApp includes the following enhancements:

- **Availability as a Dashboard SuiteApp** – You can deploy Subsidiary Navigator as a dashboard SuiteApp to complete the setup process in fewer steps. Dashboard SuiteApps are available only on the home page. On other dashboards, you can still set up Subsidiary Navigator as a custom portlet. For more information, see the help topic [Setting Up Subsidiary Navigator](#).
- **Subsidiary information tooltip** – Point your mouse to any subsidiary in the Subsidiary Navigator portlet to display information about the company. The tooltip shows general information about the selected subsidiary.
- **Change Subsidiary shortcut** – The **Change Subsidiary** shortcut at the top of your dashboard lets you change your subsidiary, regardless of where the portlet is located on the dashboard. The shortcut makes it convenient to change the subsidiary view if the Subsidiary Navigator portlet is on the bottom of the page.
- **Add subsidiary logo** – You can upload an image to a subsidiary to use as a company logo. When the administrator enables the **Show Logo** setting, the company logo is shown on the subsidiary node and on the tooltip.

For more information about these enhancements, see the help topic [Working with Subsidiary Navigator](#).

## File Drag and Drop Enhancements

The latest version of the File Drag and Drop SuiteApp includes the following enhancements:

- **File attachment notification icon** – A star icon on the drop zone now alerts you when the record page contains file attachments. You can click the folder icon on the drop zone to open the files subtab and view the record attachments.

- **Enable File Drag and Drop setting** – This setting, available on the setup page, lets administrators enable or disable File Drag and Drop without removing individual configuration settings for supported records.
- **Support for additional browsers** – This release includes support for Internet Explorer and Mac Safari browsers in addition to Chrome and Firefox.
- **Progress bar for sublist attachments** – When you drag and drop files to a sublist, a progress bar will now appear on the specific line where you attached the file.

For more information about these enhancements, see the help topic [Uploading Files Using File Drag and Drop](#).

## Fixed Assets Management Enhancements

The latest version of the Fixed Assets Management SuiteApp includes the following enhancements:

- [Asset Proposal Sublist Customization](#)
- [Map Transaction Fields to Asset Record and Proposal Record](#)
- [Transfer Column in the Asset Register Report](#)
- [Generate Depreciation Schedules](#)
- [Asset Transfer Enhancements](#)
- [Unified Depreciation Engine](#)
- [Support for Custom Segments](#)

### Asset Proposal Sublist Customization

You can now add more fields to the asset proposal sublist, so that more information is available to you from the asset proposal page. The additional information will help you properly review the proposal before the assets are created.

A **Customize** button will be available on the Proposed Assets sublist. Clicking Customize opens a new page with a list of available transaction fields and FAM fields that you can add to the proposal sublist. From the Customize Sublist page, you can choose the fields that you want to add or remove from the proposal sublist.

For more information, see the help topic [Customizing the Asset Proposal Sublist](#).

### Map Transaction Fields to Asset Record and Proposal Record

Custom fields in a transaction line can now be mapped to the proposal record and asset record. This field mapping capability eliminates the need to manually update the asset records.

If you have a custom transaction field, you must create a corresponding custom field in the proposal and asset record. Mapping the three fields ensures that the value from the originating transaction are accurately copied to the proposal record and asset record.

For more information, see the help topic [Mapping Custom Transaction Fields to Asset Records and Proposal Records](#).

### Transfer Column in the Asset Register Report


Previously, the Acquisition column in the asset register report adds all acquisition DHRs for an asset. When an asset is transferred, it will record a negative Acquisition DHR to remove the cost of the

asset from the originating subsidiary. Because the acquisition DHRs are within the same period, the value offsets each other. The additional acquisition will then be added to the negative amount. This implementation, however, does not record the correct Current Cost when the asset is transferred.

The introduction of the Transfer column in the asset register report addresses this issue. This column will now be able to display the asset's transfer value in the report.

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

## Generate Depreciation Schedules


 **Important:** This feature is targeted to be available in August 2017.

This feature enables you to forecast depreciation values for both accounting and tax methods. This process automatically creates the depreciation schedule for the entire asset life, upon its acquisition (when asset record is generated from a proposal).

For assets that are manually created or imported via CSV, a scheduled script runs every week to check which assets do not have a depreciation schedule. The script creates the depreciation schedule based on the depreciation period and start date. The forecast values are also automatically adjusted when there are changes to the depreciation history record throughout the course of the asset's life.

This feature is automatically enabled for newly-installed bundles.


## Asset Transfer Enhancements

 **Important:** This feature is targeted to be available in August 2017.

You can now specify the date when an asset is transferred by setting the **Transfer Date** in the Asset Transfer page. You can enter a future date if you have enable the **Allow Future Date Depreciation** preference.

The transfer date enables users to properly account for the asset cost and depreciation before and after a transfer. When you transfer an asset, a catch-up depreciation will be computed to ensure that depreciation is up-to-date. When processing bulk transfers, you can also summarize the generated journal entries by asset type, parent, or sub-category.

## Unified Depreciation Engine

 **Important:** This feature is targeted to be available in August 2017.


Historically, there are depreciation methods which are available for tax methods, but not for accounting methods. The unified depreciation engine combines the capabilities of accounting (book) methods and alternate (tax) methods, so that they can be used interchangeably. This feature will introduce the following changes in Fixed Assets Management:

- **Alternate Depreciation Method** – For Multi-book account users, a Posting check box will be available in the FAM - Alternate Depreciation record when you select an accounting book. When the Posting preference is enabled, the tax methods associated to the accounting book will generate depreciation journal entries.
- **Annual Depreciation** - Annual depreciation methods like 150DB & 200DB can now be used to generate depreciation journal entries. Users can create asset types that use 150DB and 200DB

as the default accounting method. This accounting method will be carried over when an asset is created.

- **Depreciation Method for Nordics and Benelux** – The Fixed Assets Management SuiteApp adds preconfigured depreciation methods specific for the Nordic countries and Benelux. These depreciation methods will be available after installing the SuiteApp.

## Support for Custom Segments


 **Important:** This feature is targeted to be available in September 2017.

Customers that use the Custom Segments feature will now be able to extend the functionality to their fixed assets. This feature will make your custom segments available in the following Fixed Asset Management records:

- Acquisition Depreciation History record
- Depreciation History record and associated journal entries
- Transfer Depreciation History record and associated journal entries
- Revaluation History record and associated journal entries
- Disposal History record and, associated journal entries and invoices

You must apply the custom segment to the FAM record where you want it to appear. For more information, see the help topic [Applying a Custom Segment to Record Types](#).

You can also choose to show the custom segments in fixed assets reports by customizing the XML report template.

 **Note:** For the initial release of this feature, you will not be able to filter FAM reports by custom segments.

## Support for Per Nexus Cash Basis Tax Reporting in International Tax Reports

The International Tax Reports SuiteApp adds support for the Tax Reporting Cash Basis accounting preference in NetSuite. VAT return, drilldown, and supplementary tax reports for all countries can now be generated using cash basis tax reporting. For more information, see the help topic [Setting Up Cash Basis Reporting](#).

## Accounting Context Support for Tax Audit Files

In NetSuite version 2017.1, Tax Audit Files adds support for Accounting Context. The Accounting Context will replace the Statutory Chart of Accounts (SCOA) for Tax Audit Files, which will soon be deprecated. Accounting Contexts enables users to define the statutory chart of account names and numbers to include in the tax audit file.

On the Tax Audit File page, the Accounting Context filter will be available if you defined at least one accounting context in the account. In place of the SCOA mapping feature, the generated file uses the information in the selected accounting context to map the account name and numbers.


For more information on Statutory Chart of Accounts and Accounting Contexts, see *Statutory Chart of Accounts* and [Set Accounting Contexts](#).

## Spain Online VAT Register

Starting July 1, 2017, companies are required to electronically submit invoices issued and received to the Spanish tax authority through the AEAT online system. The Immediate Supply of Information (SII) is mandatory for anyone that currently files the VAT return on a monthly basis or where the business has an annual turnover above 6 million Euros. This, in effect, replaces the monthly VAT return. This requirement also extends to VAT groups.

Using the Tax Audit Files SuiteApp, you can generate the following reports in the XML format, as specified by the Spanish tax agency:


- **Spain Invoices Issued (LRFE)** — This report contains the output VAT transactions, including domestic sales, and EU sales and exports. Transactions will include sales invoices and cash sales.
- **Spain Invoices Issued – Error Correction**— This report contains invoices issued that were included in a previous submission, but were **Registered with Errors**. Generate this report after correcting the errors on affected transactions. Transactions will include sales invoices and cash sales.
- **Spain Invoices Issued – Amending Transactions** — This report includes adjustments that were applied to previously submitted issued invoices. Transactions will include credit memo, cash refund, and journal entry.
- **Spain Invoices Received (LRFR)** — This report contains the input VAT transactions, including domestic purchases, and EU purchases and imports. Transactions will include vendor bills, checks, and credit card charges.
- **Spain Invoices Received – Error Correction**— This report contains invoices received that were included in a previous submission, but were Registered with Errors. Generate this report after correcting the errors on affected transactions. Transactions will include vendor bills, checks, and credit card charges.
- **Spain Invoices Received – Amending Transactions** — This report includes adjustments that were applied to previously submitted received invoices. Transactions will include vendor credit, credit card refund, and journal entry.
- **Specific Intra-Community Transactions (LRDOI)** — This report includes selected receivable, payable, and credit card charges transactions based on the intended use of the goods, as listed in a series of articles in the Law of VAT (art. s 2 and 9).

 **Note:** The Tax Audit Files SuiteApp is targeted to support the required **Register of Investment Goods (LRBI)** and **Register of Cash Collections (LRPM)** reports by the end of 2017.

For more information about this feature, see the help topic [Spain Online VAT Register](#).

## Grid Order Management Version 6.0 Enhancements

Grid Order Management version 6.0 includes the following features and enhancements. These new features and enhancements are now available for testing in Sandbox accounts.

 **Note:** The following features are targeted to be available in the fourth quarter of 2017.

- [Support for CSV Import of Grid Sales Orders and Grid Purchase Orders](#)
- [Web Services for Grid Sales Order and Grid Purchase Order](#)
- [Price Level and Rate Fields for Sales Orders and Purchase Orders](#)
- [Order Priority Field in Grid Order Entry Form](#)

- [Grid Printing Support for Transfer Order](#)
- [Label Change for Estimate Transaction in Grid Order Management](#)

## Support for CSV Import of Grid Sales Orders and Grid Purchase Orders

The latest version of Grid Order Management now supports CSV Import for Grid Sales Orders and Grid Purchase Orders. This feature enables you to do the following options in the imported transaction record:

- View the templates associated to the items record
- Print the grid directly from the transaction record

## Web Services for Grid Sales Order and Grid Purchase Order

Web Services for Grid Sales Orders and Grid Purchase Orders are now supported in the latest version of Grid Order Management. Similar to CSV Import, this feature enables you to import sales orders and purchase orders transactions to your account.

## Price Level and Rate Fields for Sales Orders and Purchase Orders

The Price Level field is added to sales orders transactions to enable you to select a price level for a specific item record. The corresponding price that is displayed in the Rate field is based on the option you selected as price level. This field is displayed when the Multiple Prices feature is enabled.

For purchase orders, you can now directly edit the value that is displayed in the Rate field.

## Order Priority Field in Grid Order Entry Form

In the latest version of Grid Order Management, you can now assign an order priority to a transaction item. When you open the Grid Order Entry form, the default order priority that is set for the customer is initially displayed. You can change the value in the Order Priority field to assign an order priority to the transaction item that you want to add.

After submitting the Grid Order Entry form, you can still add items by clicking the Link icon in the Items sublist. The items that are added through Edit mode use the default priority set for the customer record. You can change the order priority for the added items by changing the value in the Order Priority column of the Items sublist.

## Grid Printing Support for Transfer Order

Previously, the Standard Grid Printing feature is available for sales order and purchase order transactions only. In the latest version of Grid Order Management, the Grid Printing feature is enhanced to add support for transfer order also.

You can now use Standard Grid Printing and Grid Print Templates for transfer order transactions. This update also includes the use of grid print templates to packing slips for item fulfillments that are created from transfer orders.

## Label Change for Estimate Transaction in Grid Order Management

Previously, Quote/Estimate transaction types are labeled as Estimate transactions in Grid Order Management. Estimate transactions are now referred to as Quote transactions in Grid Order Management SuiteApp.

This update only includes the label change. There are no changes in the use of the Quote transaction.

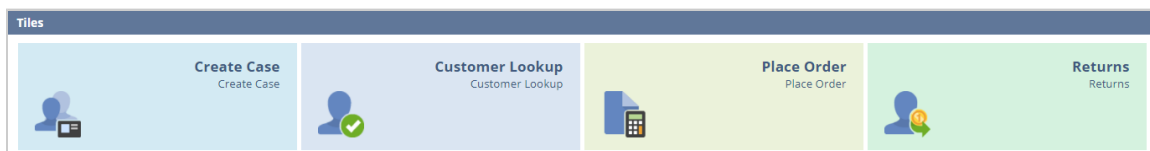
## Dashboard Tiles SuiteApp

The Dashboard Tiles SuiteApp enables you to display your business critical KPIs in a bold and visual layout with images and blinking alerts. The blinking images are enabled when you set conditional alerts for your tiles. You can create a Reminder or Static dashboard tile based on your business needs.

You can also customize the layout of your dashboard tiles. You can change the tile color, font color, and icon based on your preferences. You can set defined values as threshold for your business needs. The images will blink when the metrics meet the condition that you specified as threshold.

This is a managed and shared SuiteApp that is automatically updated in your account whenever enhancements or new features are added. You must have a SuiteSuccess account to install this SuiteApp. To request access for the installation of this SuiteApp, contact your NetSuite account manager.

For more information on this SuiteApp, see the help topic [Dashboard Tiles](#).



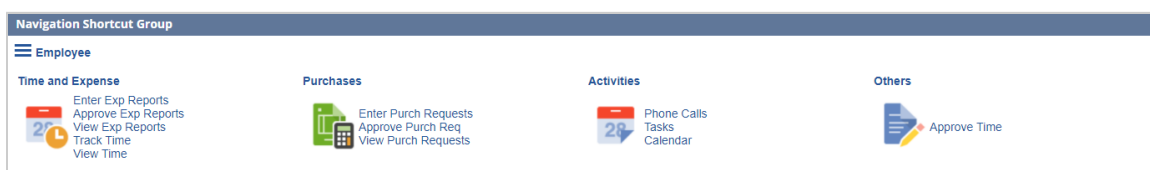
## Navigation Portlet SuiteApp

The Navigation Portlet SuiteApp enables you to simplify your navigation to commonly used menus in NetSuite. You can create navigation categories to sort the shortcut groups and links that are relevant to a role in your NetSuite account.

You can group the shortcuts or links that you commonly use for each navigation category. The links are displayed in the Custom Portlet and can also be configured using custom record. You can add multiple navigation portlets in your dashboard.

This is a managed and shared SuiteApp that is automatically updated in your account whenever enhancements or new features are added. You must have a SuiteSuccess account to install this SuiteApp. To request access for the installation of this SuiteApp, contact your NetSuite account manager.

For more information on this SuiteApp, see the help topic [Navigation Portlet](#).



## Auto-charge Credit Card SuiteApp

The Auto-charge Credit Card SuiteApp provides a script that enables you to automate the billing and credit card payment capture of sales orders. This feature enables you to process multiple transactions at one time. You can run the script immediately or set a schedule for when the script should run.

When the script runs, a saved search looks for all sales orders that have a credit card payment method and are ready to be billed. The search result excludes sales orders that have billing schedules. The script creates cash sale records for sales orders with Pending Billing status, and automatically captures the credit card payments. These includes sales orders that are partially fulfilled.

This is a managed and shared SuiteApp that is automatically updated in your account whenever there are fixes or enhancements made to this SuiteApp. A SuiteSuccess account is required to install this SuiteApp. To request access for the installation of this SuiteApp, contact your NetSuite account manager.

For more information about this SuiteApp, see the help topic [Auto-charge Credit Card](#).

## Enhancements to EU Intrastat Reporting in International Tax Reports

The International Tax Reports SuiteApp adds support for Intrastat reporting for Belgium and Netherlands in NetSuite. This feature enables you to generate the Belgium and Netherlands Intrastat reports for Arrivals and Dispatches. These reports are required to be submitted in electronic format. The International Tax Reports SuiteApp enables you to generate files in formats acceptable for upload to the tax agency websites.

For more information, see the help topics [Intrastat Report for Belgium](#) and [Intrastat Report for Netherlands](#).

## Enhancements to Non-deductible Input Tax Feature in International Tax Reports

Previously, for expense report, the system will create a separate line item for the non-deductible input tax amount, and a journal to reclassify the amount to the appropriate expense account. In the latest version of International Tax Reports SuiteApp, the non-deductible input tax will be recorded together with the originating transaction using custom GL lines. Non-deductible adjustment journal will no longer be created for the expense report.

For more information, see the help topic [Recording Nondeductible Input Tax](#).