

APRIL 2021

Release Notes

SirsiDynix Enterprise 5.1.0



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Overview

These SirsiDynix® Enterprise™ 5.1.0 Release Notes cover new features, bug fixes, and known issues since Enterprise 5.0.2, as well as system requirements for version 5.1.0.

This document contains these sections:

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Comments and suggestions

SirsiDynix welcomes and appreciates your comments on its documentation. We want to know what you think about our manuals and how we can make them better. If you have comments about this guide, please send them to docs@sirsidynix.com.

Be sure to include the title and version number of the guide and tell us how you used it. Then tell us your feelings about its strengths and weaknesses and any recommendations for improvements.

Accessibility compliance

The patron-facing portion of SirsiDynix Enterprise complies with several different accessibility standards meant to measure how accessible electronic content is for people with disabilities.

Voluntary Product Accessibility Template (VPAT)

The Voluntary Product Accessibility Template (VPAT) is intended to provide relevant information on how Enterprise conforms to World Wide Web Consortium's (W3C) Web Content Accessibility Guidelines (WCAG) 2.1, EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe 2.1.2, as well as the Revised Section 508 Standards guidelines (from the U.S. Access Board) for Electronic and Information Technology (EIT). Compliance for each section was verified by performing manual testing in major web browsers (Apple Safari, Google Chrome, Microsoft Internet Explorer, Microsoft Edge, and Mozilla Firefox). Screen reader functionality was tested using the JAWS screen reader and iOS and Android text to speech functions.

Enterprise 5.1.0 supports criteria for the World Wide Web Consortium's (W3C) Web Content Accessibility Guidelines (WCAG) Level AA; the EN 301 549 criteria; and the Revised Section 508 Standards guidelines (from the U.S. Access Board) for Electronic and Information Technology (EIT) based on version 2.3 of the VPAT template available on the U.S. Department of State website.

For more information on how Enterprise conforms to W3C WCAG 2.1, EN 301 549, and Section 508 Accessibility Standards for Electronic and Information Technology, see our VPAT: <https://support.sirsiDynix.com/kb/162119>.

Enhancements

This section contains information about key features and enhancements in SirsiDynix Enterprise 5.1.0. Enhancements are modifications to the software from the previous version. The following table includes the enhancements introduced in this version, with a brief description of how each enhancement improves functionality.

Tracking No.	Details	Implementation
DSC-9332	<p>Integrate OverDrive Magazines - Enterprise</p> <p>To support OverDrive Magazine, BLUEcloud eRC customers can purchase the OverDrive Magazine connector to allow patrons to checkout digital magazines through OverDrive from within Enterprise.</p>	Paid Add-on.
DSC-9164	<p>Update the Admin UI</p> <p>Based on feedback, the Admin user interface has been refreshed to provide a new look and feel. These changes are strictly cosmetic, and do not affect the organization, location, or content of any page. Navigation through the Admin user interface remains consistent with prior releases.</p>	Default functionality.
DSC-9070	<p>Add EDS fields to SIRSI_REFWORKS widget</p> <p>The SIRSI_REFWORKS widget (which adds a "Cite This" button to search results) has been updated to include support for some search fields specific to EBSCO Discovery Service (EDS), making it easier to use Refworks to cite EBSCO titles.</p>	Default functionality.
DSC-8977	<p>Accessibility Mode configuration options</p> <p>Accessibility Mode (previously ADA Mode) can now be configured with greater control, including options to force the use of accessibility mode, or to apply a mobile theme whenever accessibility mode is enabled.</p>	Default functionality.

Tracking No.	Details	Implementation
DSC-8909	<p>Replace Facebook "Like" button with the updated "Share" button</p> <p>Enterprise has been updated to use the latest Facebook APIs, resulting in a subtle, yet significant change to the interface. "Like" buttons have been replaced with "Share" buttons, so patrons can share specific items from a library's catalog to their Facebook feed. Facebook Developer App IDs (used for tracking metrics) are not required for this functionality.</p>	Default functionality.
DSC-8904	<p>Remove non-functional Concatenate Normalizer</p> <p>The concatenate normalizer applied to search fields has not worked as expected since Enterprise 4.5.1 and is now officially removed from the admin interface.</p>	Default functionality.
DSC-8890	<p>Add Somali translations to delivered Enterprise</p> <p>Somali is now available as the newest delivered language for Enterprise.</p>	Default functionality.
DSC-8371	<p>Profile caching improvements</p> <p>Optimizations in IP-based profile caching have been implemented to reduce the overall system memory footprint.</p>	Default functionality.
DSC-8844	<p>Add COinS widget into delivered Enterprise</p> <p>The COinS widget was updated to better integrate with the BLUEcloud Course Lists bookmarklet, and to add support for the PUBPLACE MARC map field. Note: This field must be manually added to any search sources or displays for it to be included in the COinS widget.</p>	Default functionality.

Tracking No.	Details	Implementation
DSC-8829	<p>Add end points to allow eRC to manage search data sources</p> <p>Enterprise eRC search sources now include the following new fields (when provided by the content vendor):</p> <ul style="list-style-type: none"> • DURATION • AUDIENCE • READER • SERIES <p>If these fields have been configured in Enterprise by support, they will be indexed and displayed per your search field and display settings for any titles that have this metadata provided by their electronic content vendor.</p> <p>Note: The Code field for Search Fields (Search Configuration->Search Fields) in Enterprise must match up with the search fields in eRC for the metadata to sync correctly.</p>	Default functionality.
DSC-8511	<p>Bookriver can now be configured to use Memento cover images</p> <p>Bookriver on Enterprise has been updated to allow configuration with Memento cover images. Once configured, when you add a Memento account in Enterprise, Memento cover images display for Bookriver content with matching ISBNs.</p>	Default functionality.
DSC-8392	<p>Export full references with 'Cite This' widget</p> <p>A new widget, SIRSI_RIS, is now delivered. This widget provides an "Export to RIS" option from search results or My Lists pages. This export option creates a .ris file for use with citation managers such as Zotero.</p>	Default functionality.

Tracking No.	Details	Implementation
DSC-5870	<p>Allow administrators to define synonyms and stop words files to be referenced for search matches</p> <p>Administrators can now upload and manage lists of special words to improve search results for patrons. Special words include both synonyms and stop words.</p> <p>Synonym lists include common variations of searched for words, such as "cat" having synonyms like "feline" or "kitten." Synonym lists can be configured to map synonyms in one direction or both ways, allowing administrators greater control over how words relate.</p> <p>Stop word lists include those words that provide context when reading, but are ignored by the search engine. This list could include words such as "this", "that", and articles like "the" and "a," as such words are unlikely to be used alone in a title.</p> <p>Each special word list is managed separately.</p> <p>Note: Having the same word in both synonym and stop word lists leads to unexpected behavior and should be avoided.</p>	Default functionality.
DSC-3875	<p>The Availability Library now applies to on-order items for Symphony sites</p> <p>The Availability Library has been updated to apply to on-order items. When the Availability Library is specified in a profile's display selection, the on-order information only displays records for the appropriate library.</p>	Default functionality.
DSC-3725	<p>Increase "Suggest Term" system task timeout limit</p> <p>The timeout for the resource-intensive Term Suggest system task can now be adjusted by support to better accommodate the specific needs and resource availability of customers.</p>	Default functionality.

Tracking No.	Details	Implementation
DSC-2155	Add direct support for Memento-BTLF content While Memento-BTLF content enrichment (including Electre) was available through a SirsiDynix widget, it is now configured directly within individual search profiles.	Default functionality.

System requirements

This section outlines the system and browser requirements for SirsiDynix Enterprise 5.1.0.

Discovery ILS Agent requirements

All sites that are either installing or upgrading to Enterprise 5.1.0 need to run version 5.1.0 of the Discovery ILS Agent.



Java 8 is required for version 5.1.0 of the Discovery ILS Agent.

ILS requirements

To ensure full functionality, your library system must meet one of the configurations specified in the SirsiDynix Upgrade Compatibility Matrix. Access the SirsiDynix Upgrade Compatibility Matrix on the SirsiDynix Support Center. The link below will open the SirsiDynix Support Center in a browser window. You may be required to login.

[SirsiDynix Upgrade Compatibility Matrix](#)

Payment services

Enterprise supports payments of fines and fees through ProPay™ with BLUEcloud Commerce. Enterprise also supports the payments natively through PayPal™ and Payflow Pro™.



SirsiDynix recommends using BLUEcloud Commerce to manage the payment of fines and fees.

If you would like to use BLUEcloud Commerce for your library, email bcommerce@sirsidynix.com.

Browser requirements

The Enterprise administration and patron interfaces are both web-based. Because of this, customers must have an Internet browser capable of working with Enterprise 5.1.0. (For more information, see [Browser issues on page 15](#).)

Browsers such as Google Chrome and Mozilla Firefox have the capability to automatically update to the most recent version without notification. SirsiDynix makes every effort to remain compatible with these browsers; however, be aware that browser

updates can introduce incompatibilities with Enterprise. When an incompatibility is introduced through a browser upgrade, SirsiDynix will make every effort to resolve the problem as quickly as possible.

The following table lists the browsers supported by Enterprise:

Browser	Supported versions	Platforms
Windows Edge	<p>Search Latest two versions</p> <p>Admin console Latest two versions</p>	Windows
Google Chrome	<p>Search Latest version</p> <p>Admin console Latest version</p>	Windows Mac OS
Mozilla Firefox	<p>Search Latest version</p> <p>Admin console Latest version</p>	Windows Mac OS
Safari	<p>Search Latest two versions</p> <p>Admin console Latest two versions</p>	Mac OS



As of Enterprise 5.0.1, mobile layouts may not be fully functional on older devices or browsers that don't support the flexbox specification. To see a summary of which browsers will work, see <http://caniuse.com/#feat=flexbox>.

System requirements for local Enterprise systems

The hardware that your library needs to run SirsiDynix Enterprise on a local server depends on the number of concurrent users and titles in the system. The following requirements are the minimum requirements for a system with up to 500,000 titles and up to 200 concurrent users:

Component	Minimum configuration
Operating System	Choose one of the following operating systems: <ul style="list-style-type: none"> • Red Hat Enterprise Linux Server 7, 64-bit (license and installation disc) with access to a Yum repository on the Red Hat network • CentOS 7
Database	<ul style="list-style-type: none"> • Postgres 9.2
Processor	Type: <ul style="list-style-type: none"> • 64-bit x86 (AMD or Intel) Speed: <ul style="list-style-type: none"> • 2 GHz or faster Number of cores: <ul style="list-style-type: none"> • 8 total between the processors <p>Note: For each additional 100 concurrent users, increase the CPU by 1 core.</p>
RAM	8 GB <p>Note: For each additional 100 concurrent users, increase the RAM by 1 GB.</p>
Hard disk space	200 GB (for OS, database, applications, and indices) <p>Note: For each 500,000 additional titles, increase the disk space by 25 GB.</p>

Fixed bugs

This section contains a list of all fixed bugs for SirsiDynix Enterprise 5.1.0. Fixed bugs are problems that were identified and fixed for this version. The following table includes a list of the bugs fixed in version 5.1.0. Each fixed bug has a corresponding tracking number and a brief description of how it has been fixed.

DSC-5284 Titles with "a" and "&" don't highlight correctly

When searching for titles, search highlighting would not highlight the search terms correctly. This has been fixed so that words that contain the search term are now highlighted.

DSC-6897 Search terms not highlighted in non-modal view (accessibility mode)

Search terms were not highlighted on non-modal detail displays. This has been fixed. Enterprise now highlights search terms on both modal and non-modal detail displays.

DSC-7261 Detail Display table incorrectly displayed errors in column headers

An error occurred when the first hit in a Detail Display table did not have data for a specific column but a subsequent item did. This resulted in the column header incorrectly displaying as a missing key error. This has been fixed so that the headers correctly display, whether or not the first hit has relevant data.

DSC-7516 Payment History heading sort buttons misaligned in flat theme

Table headers and sort buttons overlapped in the payment history accordion in My Account. This has been fixed. There is no overlap between table headers and sort buttons.

DSC-8553 Logged in patron can access My Account when disabled

Some patrons could access the My Account page, even when the page had been disabled through the admin interface. This has been fixed. All patrons are redirected when they try to access a disabled My Account page.

DSC-8578 Incomplete MARC mapping for z39.50 targets breaks searching

Z39.50 searches failed when the search results display or detail display included an HTML widget with a search field that did not have MARC mapping. This has been fixed. Searches that involve Z39.50 displays now ignore fields that do not have a MARC mapping.

DSC-8618 Requests error when double clicking Edit button

When patrons double-clicked the Edit button on the My Accounts > Requests page, they were presented with an error message and the edit dialog would close. This has been fixed. Enterprise now handles additional clicks to the Edit button (including double-clicking) on the My Accounts > Requests page without errors.

DSC-8776 Rooms search adding "0.0^" or "0.0%5E" to the beginning of the rm attribute in URL

When a search results display target included room content and had widgets assigned to it, the first search result link with room content sent patrons to an error page instead of to the room content. This has been fixed. Links in the search results now send patrons to the expected room content instead of the error page.

DSC-8831 Failure descriptions for bulk checkout renewal are not displaying on mobile layout

With mobile enabled, when patrons renewed multiple checkouts at once and the renewal failed, the reason for the failure was not shown. This has been fixed. Patrons renewing multiple checkouts at once now see reasons for failure with the bulk renewal.

DSC-8856 Charge history and return dates are wrong

The time stamps for hosted instances of Enterprise defaulted to Denver (UTC-07:00), creating anomalies in checkout returns. For example, items returned on their due date were marked late. Support could make the necessary change in a configuration file, but it was not part of the hosted installation or upgrade process. This has been fixed so that the installer used during hosted installations or upgrades now prompts for a time zone.

DSC-8857 Dropdown widgets do not work correctly for some hitlists

HTML Widgets did not function properly on interfiled searching when facets were used to show only ILS or EDS results. This has been fixed. HTML widgets now function properly regardless of whether facets are used to display only ILS or EDS results.

DSC-8893 WYSIWYG editor in Enterprise 5.0.1 deletes JavaScript

In Enterprise 5.0.1, when using the built-in content editor, all JavaScript was removed from edited pages upon saving the file. This has been fixed. When editing pages using the built-in content editor, all JavaScript code in the edited page is preserved when saving the file.

DSC-8898 Users over 80 can't register using OUReg

Due to problems with determining the correct century with two-digit birth years, any birth dates entered prior to 1940 were prevented from completing self-registration in Enterprise. This has been fixed. Patrons must now enter a four-digit year, allowing users over 80 to use this feature without errors.

DSC-8905 Enterprise SearchBox display issues for fr_CA language

An error occurred for the Enterprise SearchBox when a site used the French Canadian language and did not use multiple search boxes or search limits. This resulted in the SearchBox displaying offset from its designated place in Enterprise. This has been fixed so that the SearchBox displays correctly under these settings in Enterprise.

DSC-8945 My List - Send via email generates different emails on mobile and desktop

When patrons emailed selections from My List, the content of the email changed depending on whether the patron was viewing My List from the mobile or desktop display. This has been fixed so that the email message remains the same regardless of whether the patron was viewing My List from a mobile device or not.

DSC-9073 Enterprise does not release database connections while indexing

Enterprise sometimes crashed when syncing from multiple eRC vendors simultaneously, due to the manner in which Enterprise handled multiple database connections. This has been fixed. The way Enterprise syncs data with eRC has been improved to better handle multiple simultaneous database connections.

DSC-9106 Users can get to Self Registration page even when it is turned off

Clever individuals could manipulate a library's URL to access the self registration page and create a user account, even when self registration was disabled in the authentication server settings. This has been fixed. Access to self registration is now prevented when self registration is disabled, regardless of the URL used.

Known issues

Known issues for this and previous versions of Enterprise can be found on the [Support Center](#). Known issues are reported issues that either do not affect the software or have not been fixed in this version. Known issues are added and updated in this location as we become aware of them or learn more about them.

You can find known issues in each status on the SirsiDynix Support Center through the following links:

[In Progress](#)

[Open](#)

[Tabled](#)

Browser issues

The appearance of the SirsiDynix Enterprise interface and performance speed may vary based on the specific web browser and browser settings you are using.

Libraries that use Internet Explorer at library user terminals should not enable Compatibility View settings. Compatibility View settings have been found to cause problems with the Enterprise interface and performance.

CSS upgrade issues

Most of the elements that make up the SirsiDynix Enterprise Searching interface can be customized with Cascading Style Sheets (CSS) to have the appearance your library wants. As new features are added to the product and issues are fixed, some of these elements can be modified. If your library has customized some of these elements for your site, an upgrade to a new version of the product may change the CSS of any element that has been customized and change how your site appears. After any upgrade, you should carefully evaluate each page of the Searching interface and determine what effect the upgrade has had for your site. If you notice any issues, you can manually fix the CSS of any element that has been affected.

Advisory on custom JavaScript and widgets

Changes to item details page

To better support mobile layouts and use cases, some changes have been made to the item details page that involved changing some of the HTML and classes (See ["Enhancements"](#)). Because of this, libraries should review any widgets, CSS, or JavaScript customizations on the item detail page as part of the upgrade process.

Enterprise can now load these four data types to the item details page accordions asynchronously:

- item
- holding
- SirsiDynix Symphony bound-with
- SirsiDynix Symphony on-order

To achieve this, all four of the item data accordions now share a similar layout and class, while the `orders_header` and `detailOnOrderHidden` classes were removed from the on-order table.

In addition, the `
` element after the holds and copies count on the detail display was removed and the styling was adjusted on the preceding span elements to compensate.

jQuery update

The Enterprise patron interface has been updated following an update to jQuery (3.2.1) and jQuery UI (1.12.1). Some of the CSS in Enterprise was changed around the areas that used jQuery. Because of this, Enterprise administrators should check that their themes and custom Javascript are still appearing correctly after the update. For details on the jQuery update, see [jquery-3-2-1-now-available](#) and [jquery-ui-1-12-1](#).

Enterprise administrators will want to check the background and border colors for the following tabs and accordions (including the mouse actions for the tabs and accordions) if they have customized the CSS:

- My Account tabs (Flat theme is most heavily affected.)
- Federated tab
- Accordions in My Account, on Detail Displays, or added by widgets
- The graph view for the publication date facet on the search results display (and any other customizations that use jQuery UI's slider component)
- Dialog box headers
- Library Information dialog box

- Select an Action drop-down list (Flat theme and not in Accessibility Mode)
- `.resultsToolbar_wrapper`

For flat theme, the background color was changed to white, borders were added to the select elements inside that section, and colors of the page number links were changed.

Additional changes

Accordions now use FontAwesome for their arrows instead of the previous jQuery icons.

The drop-down list was changed to use an ellipsis if it is too long to fit inside the drop-down list. Enterprise administrators may need to update their custom CSS if they have customized the size of the drop-down list or changed the text or arrow color in flat theme.

Changes to element id/class:

The element `.resultsToolbar_wrapper` now has an additional class of either “top” or “bottom” to indicate whether it’s the one on the upper or lower part of the page. The Discovery tab, however, still uses `#bottomToolbar_wrapper` for the bottom section.

The id `federatedResults` was removed from elements because it had the potential to not be unique. You can use `.federatedResults` in places where you were previously using `#federatedResults`.

Deprecation notices

HTML Widgets

In 5.0.2, HTML widgets were updated. In order to avoid overwriting any changes Enterprise administrators had made to their existing widgets, the new HTML widgets contained a SIRSI_ prefix in the Code field. In 5.1.0, these new widgets replace the old widgets as part of the upgrade process.

Note: The old widgets are not deleted, but they are unassigned from all displays; SIRSI_ widgets are assigned in their place.

Older widgets without the SIRSI_ prefix may not work on mobile layouts or desktop layouts going forward. Enterprise administrators who want to keep the customizations they have made to their HTML widgets can use the deprecated widgets as reference for making changes to the SIRSI_ widgets. For more information on widget configuration, see the "Managing HTML widgets" topic in the Enterprise Admin console Help.