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# **Ve heLinkOne WebView Release Notes**

Version 3.24 and earlier





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# System Requirements

## Requirements for LinkOne WebView Servers:

- One of the following operating systems:
  - Microsoft Windows 2008 R2 Server
  - Microsoft Windows 2012 Server
  - Microsoft Windows 2016 Server
  - Microsoft Windows 2019 Server
  - The following are supported for non-production use only.
    - Microsoft Windows 10
    - Microsoft Windows 7
- Microsoft .NET Framework 4.6 (for WebView)
- ASP .NET 4
- Microsoft IIS 7, 8 or 10
- Microsoft SQL Express 2008 or later
- Microsoft SQL Server 2008, 2012, 2014, 2016, 2017.
- 4GB of RAM
- 200 MB of available hard disk space (plus space for any LinkOne books and notes)

## Minimum Requirements for LinkOne WebView Clients:

The following versions of the supported browser have been actively tested during the development of LinkOne WebView 3.24 and earlier. Other versions of the supported browsers may operate but any issues may be rectified at ABB's discretion.

Operating System	Supported Browser	Version
Microsoft Windows 7, 10	Internet Explorer	11, Edge
Microsoft Windows 7, 10	Google Chrome	Current version at time of release testing of LinkOne WebView 3.24 and earlier
Microsoft Windows 7, 10	Firefox	Current version at time of release testing of LinkOne WebView 3.24 and earlier
Apple OSx	Safari	5.0.5
Apple iOS	Safari	Current version at time of release testing of LinkOne WebView 3.24 and earlier
Google Android	Chrome	Current version at time of release testing of LinkOne WebView 3.24 and earlier

**NOTE:** 3D Model viewing is currently only supported on Internet Explorer 11 and Firefox.

### **Minimum Requirements for Advanced Search:**

- Advanced Search Facility is supported by using a SOLR Server
- SOLR index Hard Disk space varies but as a guide, space equivalent to the size of the LinkOne libraries is required.

## Where to Get Help

The *Enterprise Software Online Customer Community*

(<https://enterprisesoftware.force.com/customerportal/login>) (OCC) provides help for all users of LinkOne products. You are encouraged to actively participate in helping other users, sharing knowledge and ideas on how you use LinkOne and how you think it can be improved.

If you have an issue with a LinkOne product, you should first search the OCC to see if any other users have encountered this problem to check if there is a solution available. If there is no solution already available, post to the appropriate OCC group and supply the following in your post:

- A short description of the problem, including any steps required to reproduce the problem.
- Details of the book you were viewing. If necessary upload a small test book illustrating the problem.
- Any configuration settings you think may have contributed to the problem.
- Any customizations you may be using with LinkOne.
- Your current operating system and service packs installed.
- Any other factors you think are relevant to the issue you are experiencing.

The LinkOne team will also be monitoring and responding to posts and we will try our best to solve any issues before the next release.

# Documentation

LinkOne WebView provides the following documents to help you get started.

## **LinkOne WebView 3.x Release Notes**

The LinkOne WebView 3.x Release Notes contains an overview of the changes included in the particular release.

## **LinkOne WebView 3.24 and earlier Release Notes**

The LinkOne WebView 3.24 and earlier Release Notes contain an overview of the changes are included in the versions up to and including the 3.24 release.

## **LinkOne WebView Getting Started Guide**

The Getting Started Guide is the starting point for all users of LinkOne WebView. The guide provides a quick overview of installation and configuration and new features available in Version 3.

## **LinkOne WebView User Online Help**

This is the online help system for end users, which can be accessed at any time from Help > Help on the browser menu. This provides information on features in the LinkOne WebView application.

## **LinkOne WebView Technical Reference**

The Technical Reference is designed for developers and system administrators who will be deploying and integrating LinkOne WebView into their corporate environments.

## Release 3.24 and earlier

The LinkOne team is pleased to announce the general availability of LinkOne Publisher 3.24 and earlier.

### Cumulative Updates

#### Release 3.24

##### Language Translations

Translations for all supported languages updated

##### Global Layouts Functionality

Following customer feedback, the ability to overwrite the layout/format in the published book has been introduced. This allows for selection of newer format with re-publishing the book, providing the settings used at the time the book was published allow it.

When viewing a book, the layout can be modified by selecting View > Preferences. Further information can be found in the LinkOne WebView Technical Reference Guide.

Similar functionality existed previously in WinView.

##### Windows Server 2019 Support

Support for Windows 2019 Server platform has been added.

##### Windows 8 Support Removed

Since Microsoft no longer supports Windows 8, support has been removed

### Release 3.23

#### cXML Selection List

This release include a cXML based Selection List .

#### Demonstration Selection List for Stock on Hand and Work Request

This release includes demonstration Selection Lists for displaying Stock on Hand and also raising Work Requests or Work Orders in a third party system.

#### .Net 3.5 requirement for Installer removed

The requirement to have .Net 3.5 for the installer has been removed

#### SQL Server 2017 Support Added

Support for SQL Server 2017 has been included.

### Release 3.22

#### User and Configuration Event Logging

To support system security auditing, this release introduces the logging of a number of User and Configuration events including login, logout and system security configuration changes.

Log4Net has been utilised to support this facility. For more information, please refer to LinkOne WebView Technical Reference Guide / Operation / Event Logging

## **.Net Target Framework**

The minimum version of .Net has been increased from 4.0 to 4.6.1

## **Shopping Basket Icon**

The shopping basket icon located on the main tool bar has been modified to button that will hide/unhide the shopping cart

## **Ellipse 9.0 Integration**

This release includes a number of technical enhancements to support the integration between LinkOne WebView and Ellipse 9.0

## **Release 3.21**

This release was not made available for general release.

## **Release 3.20**

### **Viewing Draft Books**

This release introduces the ability to review Draft books. When a user opens a Draft book, they will be presented a dialog to indicate that the book has been published as a Draft. In conjunction with this feature, Draft books can also configured to expire at the Publisher's discretion. While the book publisher has the ability to set the Draft book expiry date, the default period is 7 days from when the book was last published in Draft mode.

## **User Interface**

Following the changes introduced as part of the 3.18 release, the User Interface (UI) has been further remodeled to provide a modernised consistent appearance on both Desktop and Tablet based browsers. As part of these changes, the icons previously used have been updated with more modern equivalents.

When the Browse page is opened on a tablet browser, the Selection List is hidden by default to provide additional space. A shopping basket icon has been introduced to the top tool bar close to the Logout button and will appear when items are added to the Selection List. Hovering the mouse over the icon will indicate the number of items currently in the Selection List.

In conjunction with the User Interface changes, additional functionality has been introduced to indicate on the Parts List when the item exists in the Selection List. While a part number can exist in different locations within a library or a single book, only the original parts list entry is associated with the Selection List item.

Buttons/Icons, sometimes referred to as "Hamburger" buttons, have been introduced on the left and right hand side of the screen to easily hide or reveal the Table of Contents and Parts List panels on tablet devices.

All Administrative screens are primarily designed for use on Desktop browsers, they will also work on tablet devices for occasional use.

## **Windows Server 2016 and SQL Server 2016**

This release has been successfully tested running on Windows Server 2016 and also successfully test using SQL Server 2016.

## Release 3.19

No major updates are included in this release.

## Release 3.18

### Enhanced User Interface including Tablet support

As part of this release, the user interface has been re-styled and enhanced to include support for tablet-based browsers. LinkOne on a tablet is optimised for use in landscape mode. Due to the dimensions of tablet devices, some infrequently used features may not be available.

To provide backwards compatibility, the previous interface is available by using the "Original" theme.

## Release 3.17

No major updates are included in this release.

## Release 3.16

The Security Principal has been expanded by the addition of the IPrincipal3 interface which exposes the DrawPrintingOverLay procedure. By implementing this in a Custom Security Provider, customers can draw text or a graphic over every page in a print job. See the sample Principal.cs code in the Samples directory.

## Release 3.15

### Conclusion of Server 2003 Support

As Microsoft no longer supports Server 2003, WebView will no longer be explicitly tested or actively supported on Microsoft Server 2003.

## Release 3.14

The development environment has been upgraded to Visual Studio 2013.

ASP .NET 4 is now required.

Upgraded to use .NET 4 Framework.

The Login Activity Graph has been updated to remove the dependency on SilverLight and enhanced to provide the ability to export the data in CSV format.

The Ajax Control Toolkit has been updated to 4.1.7.1213.

**Note:** If you are installing onto Server 2003, please read the **Getting Started Guide (LinkOne WebView Installation and Post Installation Configuration)** for important configuration information.

## Release 3.13 SP1

No major updates are included in this release.

## Release 3.13

No major updates are included in this release.

## Release 3.12

No major updates are included in this release.

## Release 3.11

No major updates are included in this release.

**Note:** There are restrictions on how Notes and Categories are Created/Edited with release 3.10 and later. Please refer to [LinkOne WebView Getting Started Guide / Operation / Considerations When Using Version 3.10 and Later](#).

## Release 3.10 SP2

This release is a bug-fix and improves the Book Browser performance.

## Release 3.10 SP1

This release resolves an issue encountered in Ellipse integration.

## Release 3.10

This release supports Books built with the **WebView 3.10+ WinView 5.15+ (UTF8)** Book Format. This Format allows the easy authoring of Multi-language books. For example, a book can be generated once, and then viewed by a Russian, Chinese, German or English user in their native language independent of the Locale settings on their PC. This is a far more flexible and easier solution than the current use of Code Pages.

**Note:** There are restrictions on how Notes and Categories are Created/Edited with this release. Please refer to [LinkOne WebView Getting Started Guide / Operation / Considerations When Using Version 3.10 and Later](#).

## Language Translations

The resource files utilized to provide translation of pages (excluding book content) have been updated.

## Advanced Search

Added a new display option to allow the Search Results to be viewed in a grid format.

## Picture Control

The Picture Control has been modified to allow "Drag" and "Mouse wheel" zoom in the same mode, similar to WinView. The accuracy of "Rubber band" zooming has been enhanced.

### **IMPORTANT :**

Due to changes in the cache structure, when upgrading from earlier releases of WebView 3.x, the cache (typically ~/Data/Cache) cannot be migrated to WebView 3.10. If the cache directory exists, the contents of the directory **must be removed**. Failure to do so WILL result in serious errors. Also, in a Production environment, Cache Scrambling must NEVER be turned off. Turning off Cache Scrambling may result in serious errors. Ensure that the following Mincom.LinkOne.WebView.config setting **is not used in Production**:

```
<add key="Mincom.LinkOne.WebView.WebServer.Services.BookService.CacheScrambling" value="false" enabled="true"/>
```

## Release 3.9 SP2

This release resolves an issue encountered in WebView 3.9 and 3.9 SP1, when using a Browser set to a language where the Time Separator is not ':', e.g. Italian (hh.mm.ss).

**Note:**

If Upgrading from any version other than 3.9, the note in Release 3.9 below applies.

## Release 3.9 SP1

This release resolves an issue encountered in WebView 3.9, when migrating from previous versions of WebView 3.

**Note:**

If Upgrading from any version other than 3.9, the note in Release 3.9 below applies.

## Release 3.9

### Browse Books – Quick Jump

The Browse Books page has been enhanced to include the "**Quick Jump**" function. This allows the user to navigate to the desired book by entering text contained within the book title or code and selecting from a list of matching titles.

### Advanced Search Facility

This release introduces **Advanced Search**, which provides the ability to search large LinkOne libraries, leveraging indexes that are created post-installation by the **LinkOne Book Indexing Service** in Apache Solr. This is an optional replacement for the existing multi book search.

More information can be found in the LinkOne WebView Technical Reference and the Getting Started Guide.

### General

This release is a bug-fix and general performance service pack.

A new tool, the **ClearCacheTool** has been created. Please refer to the Technical Reference Guide.

**IMPORTANT :**

Due to changes in the cache structure, when upgrading from earlier releases of WebView 3.x, the cache (typically ~/Data/Cache) cannot be migrated to WebView 3.9. If the cache directory exists, the contents of the directory **must be removed**. Failure to do so WILL result in serious errors. Also, in a Production environment, Cache Scrambling must NEVER be turned off. Turning off Cache Scrambling may result in serious errors. Ensure that the following Mincom.LinkOne.WebView.config setting **is not used in Production**:

```
<add key="Mincom.LinkOne.WebView.WebServer.Services.BookService.CacheScrambling" value="false" enabled="true" />
```

## Release 3.8

This release is a bug-fix and general performance service pack.

## Release 3.7

### 3D Model Support

This release introduces support for viewing 3D models published within a LinkOne manual. This provides the ability to manipulate the model, along with utilizing any pre-defined views. Hotpointing of the model and associating with items in the parts list is supported by utilizing a number of attributes within the model. Refer to the LinkOne 3D Model Publishing guide for

more information. This is available on request from your LinkOne Account Manager or your LinkOne reseller.

This functionality utilizes a third party viewer from Right Hemisphere called Deep View. Support for this viewer is limited to Microsoft Internet Explorer versions 8 and 9.

## **SharePoint Integration**

Documents that are stored in SharePoint and that have been associated to LinkOne Books or Pages will now show up in the Table of Contents or at the Page Reference as supplemental content. PDF documents will be shown natively within the Viewer. Other content types (for example MSWord documents) will be launched within the client's local application.

Please note that some customisations to both the WebView configuration as well as to the SharePoint site must be made in order for this feature to be functional. More information can be found in the LinkOne WebView Technical Reference.

## **Book Change Notification**

Users can now be notified of any changes to books in the LinkOne Libraries. The current method of notification is Email. Further information can be found in the LinkOne WebView Getting Started Guide.

## **Mass Library Replication**

System Administrators can now replicate whole libraries between remote LinkOne WebView servers. This is done by using the defacto standard in mass file replication, Rsync. Rsync allows only file changes to be transmitted across the wire, enabling fast and efficient transfer. Further information can be found in the LinkOne WebView Technical Reference.

# **Release 3.6**

## **Performance**

Significant performance improvements have been made to LinkOne WebView in this release including:-

- Decrease in the size of full colour raster images downloaded to the client browser
- Improvements in the browser/client event model, resulting in an enhanced end user experience
- Login processing has been streamlined
- HTTP compression is enabled by default for IIS6

## **Picture Control – Removal of Silverlight Requirement**

Following customer feedback and technology review, the Silverlight Picture control introduced with the release of WebView 3.0, has been replaced with a Javascript based Picture control, eliminating the need to install an additional plugin. This will enable easier adoption by both non-corporate end users and large enterprise environments where Standard Operating Environments/Platforms are utilised,

Removal of the Silverlight Requirement has significantly improved performance.

## **Picture Control – Mini-Map Functionality**

Mini-map functionality, similar to the function that existed in WebView 2.2, has been introduced to the WebView 3 Picture Control.

## HTML iFrames replacement

To enhance the end user experience, particularly on low bandwidth/high latency networks, the use of HTML iFrame constructs surrounding the Table of Contents and the Parts List screen components has been replaced with HTML Div constructs.

## Notes Editing

The Notes Annotation editing control has been replaced with a rich HTML based editing control to provide users with the ability to add styling to the Note text.

## WebView 2.2 Notes Conversion Utility

To assist with the migration from WebView 2.2 to WebView 3.x, a Notes conversion utility has been included into this release. For further information, please refer to the Tools section of LinkOne Technical Reference Guide

### IMPORTANT :

Due to changes in bookmark processing, when upgrading from earlier releases of WebView 3.x, the cache (typically ~/Data/Cache) cannot be migrated to WebView 3.6. If the cache directory exists, the contents of the directory **must be removed**. Failure to do so WILL result in serious errors.

## Release 3.5 SP2

### Printing

Enhancements have been made to eliminate timeout issues relating to printing large books and to optimize the time taken to process the book for printing. To ensure that book printing does not adversely affect all users, the number of simultaneous book print jobs is currently limited to 1. If a second print job tries to start, the user will be presented with the message "The book print limit has been reached, please try again later..."

### Pictures

Further performance enhancements have been made to the SilverLight picture control to improve the end user experience. In addition, issues relating to the SilverLight picture control intermittently not displaying pictures have been addressed.

## Release 3.5 SP1

### Printing

User printing options have been enhanced to allow the selection of common paper sizes and page orientation.

## Release 3.5

### General

This release of WebView has had significant work done to improve performance, memory usage and reliability for both pictures and caching.

**NOTE:-** Due to changes in picture processing, when upgrading from earlier releases of WebView 3.x, the cache (typically ~/Data/Cache) cannot be migrated to WebView 3.5. If the cache directory exists, the contents of the directory must be removed.

## Behaviour Change

The site theme and selection list are stored in the user profile. This means that the selection persists for a user on subsequent logins. The login page had additional options for Theme and Selection List combo boxes:

"My Profile". This uses the profile value and is the default option.

## Configuration

Web.config default setting for sessionState has been set to "InProc". This change brings it back in line with the technical reference documentation. Web farm setups should use a shared "StateServer" or an SQL database.

## LinkOne WebView 3.x clients (Browsers)

The list of browsers that have been utilised during the development and testing of the LinkOne WebView 3.5 release has been reviewed and incorporated into the System Requirements section of this document.

## Release 3.4

### Print Current Book

The ability to print the current book has been added. This option is turned off by default. It can be turned on by adding the following line to the Mincom.LinkOne.WebView.config file in the appSettings section.

```
<add  
key="Mincom.LinkOne.WebView.WebServer.Services.PrintService.ShowPrintBookOption"  
value="true" enabled="true"/>
```

Once this line has been added, the "Print the Current Book" option will be shown **if** the Publisher of the book has allowed book printing. The default value is "false".

## Release 3.3

### View Selection List Without Opening Book

On the Browse Books page View menu a new item 'Selection List' has been added. This opens the current Selection List and allows the user to manage the Selection List without opening a book.

## Release 3.2

### Tools

New command line tools are found in the ~/Bin folder that perform library re-indexing and library synchronizing - the same functionality that can be found in the LinkOne WinView BookSync application. These tools allow re-indexing or synchronizing of the WebView book libraries from the web server, without the need to login through the web site. The tools can be run manually, or as Windows scheduled tasks as needed. Documentation for the tools can be found in the LinkOne WebView Technical Reference, or quick help is shown from the command line with a /? argument.

### Library Compatibility

The LinkOne WebView library now uses the same index that LinkOne WinView uses, which are the man.lst and book.lst files found in the library folders. This means that a library re-index performed on the ~/Configuration/ConfigureLibraries.aspx page or with the new library re-index command line tool, generates the same index as used by WinView. These indexes must

be kept up to date when adding or removing books to ensure that WebView shows the same book structure as WinView.

## **MyProfile Selection List Viewing**

Each user can now view the parts in their saved selection lists without opening a book first. Each saved selection list for the logged in user is shown on the **~/Profile** page. Here a user can delete a saved selection list, or select it to view the parts in the list. Each individual part can then either be deleted, or it can be selected to jump to the associated part in the book viewer.

## **Release 3.1**

### **Reporting**

LinkOne WebView now includes additional reporting to keep an administrator aware of activity on the web site. As well as the login activity from LinkOne WebView 3.0 which showed how busy the web site is, there are two additional report pages:

- A user activity web page which lists the number of logins and number of pages viewed for each user
- A book activity web page which lists the number of times a book is viewed and the last time the book was used

Each report also offers a CSV download of detailed data for further analysis.

### **Multilingual Web Site**

The LinkOne WebView installer and web site is now available in 15 languages. The language is chosen automatically based on the user's preferred language setting in their browser. This works together with the login web page that also chooses the book language based on the same preferred language setting.

The available languages are:

- English
- German
- Japanese
- Simplified Chinese
- Korean
- Russian
- Italian
- Spanish
- Portuguese
- Finnish
- Danish
- Swiss
- French
- Dutch
- Norwegian

## **Cumulative Fixes**

The details from the Fixes.txt previously used have been incorporated into this document. The Fixes.txt file will no longer be updated.

## Release 3.24

Reference	Description
(B-168734)	On tablet and High Resoultion devices, Related Lists section of Part Lists is minimized by default.
(D-88041)	Note Configuration enhanced to ensure specified Notes folder does exist. Also updated styling on Notes and Reporting Configuration pages.
(D-89670)	Enhanced styling on User Profile page to indicate Change of Password not available when Administrator has disabled it.
(D-89978)	Customized Selection List located outside IIS control disabled. When the full absolute path of a Customised Selectcion list is added via the Selection List Configuration screen, Support for the full absolute path for a customised selection list added. When the location is outside the scope of IIS, it will be copied under IIS
(D-90052)	Parts List Page headers and footers on Tablet and high reslotuion devices changed to avoid being displayed outside current window
(D-93681)	View/Copy Position function removed for Tablet devices
(D-111779)	Rectified issue with hiding/revealing TOC when only a Parts List being displayed
(D-150649)	Updated Work Reqeust Selection List to populate Equipment ID if known
(D-151029)	Double click hamburger button can cause TOC and Parts panels to resize. Reszing panels disabled while the panel is being expanded or hidden
(LO-73)	Rectified issue where Book language being displayed does not default to the same as the browser
(LO-126)	Rectified issue with Selection List sorting when Blank lines are added
(LO-154)	Language Translations updated
(LO-159)	Updated styling of Print Progress page
00677990 (D-93774)	When selecting a Cross Reference Note that does not contain any prompt text, the user will no longer have to confirm the action
00960195 (D-142842)	Rectified Windows 10 tablet issue where menu options would not appear when touch interface was used.

Reference	Description
01176908 (D-151161)	Following customer feedback, removed the time estimation message when printing to provide a better user experience
01188153 (D-149006)	Fixed browser scaling issue on Book viewer page when window width changes several times, affected dimensions of Selection List
01188154 (D-149007)	Implement pdf.js for Apple Devices to allow scrolling and correct display of embedded PDF documents
01197634 (B-164267)	Added method CanAccessBook to SecurityService class to check if a user able to access a certain book.
01201597 (D-151230)	Elongated display of embedded PDFs rectified with the implementation of pdf.js on Apple Devices
01201597 (D-149008)	Alignment issue of the window close button (X in top RH corner) on Apple devices rectified
01235603 (B-168066)	Implement Global Layouts. Refer to documentation for more information
01262042 (D-150758)	Rectified issue where image hotspots appeared to be moving when image is being zoomed
01269509 (D-150834)	Preferred layout modified to be stored in a database field rather than in a Private Note to avoid security issues
01271106 (D-150836)	Fixed security issue on External Login to avoid predictable password
01281874 (D-151676)	Changed CSS to avoid horizontal scrol bars appearing when hovering over the Help function on the Browse Books page
01283564 (D-151080)	Advanced Search Licencing issues rectified
01283565 (D-151198)	Rectified issue on iPad when the Parts List column headings do not contain a white or similar background, the text from the individual parts list entries overlap the column headings
01287261 (D-151741)	After using the search to locate a part, the TOC now correctly shows the selected page.
01295913 (D-151901)	Modified scrolling of Notes to use incremental pagination to provide timely user response when large numbers of notes being displayed
01297433 (D-151984)	Rectified issues with OCI selection List when utilised with SAP

Reference	Description
01305841 (D-151742)	Search parameter header is now fixed to avoid scrolling off page when a larger list of search paramaters is presented
01305844 (D-151743)	Default font used for printing reverted to value before 3.23. Configuration of the fonts may be necessary for some languages including Chinese. Please refer to Technical Reference Guide for more information
01309385 (D-151987)	Rectified Advanced Search Service to avoid stopping due to BookLockNumber errors
01309450 (D-151988)	Enhanced printing to handle exceptions when image width and height values are missing, causing negative values
01313500 (D-151900)	Rectified issue that changing language dos not apply to the selection list correctly
01316009 (D-151985)	Rectified several incorrect Chinese translations
01316010 (01316010)	Added multibook parameter to Search
01316474 (D-152048)	Rectified issue where Multi book search results where not being retained
01317564 (D-151959)	Printing some images results in unknown font type issue. Rectified to default the font(emsize) to 10.
01329253	WebView Advanced Search Facility enhanced to avoid crashing when Indexing or Searching
01345827 (LO-158)	Using Internet Explorer, if PDF viewer is not available, will default to use javascript PDF based viewer to display embedded PDF content
01305843 (LO-36)	Updatied styling to avoid Book name in Quick Jump being overwritten with clear (X) icon

## Release 3.23

Reference	Description
(D-143948)	OCI login fails authentication
(B-136061)	Azure AD Authentication support added
CR-735513 (D-148531)	book printing gives an error
CR-735512 (D-148203)	Book content not visible (Resource could not be found error) rectified
(D-148808)	Remove installer requirement for .Net 3.5

Reference	Description
(B-153155)-	silentlogin - avoid failure if theme specified does not exist
(B-137043)	SQL Server 2017 support added
(D-148200)-	When a page with > 5 images is opened, a list of image titles will be displayed rather than thumbnails
	Example StockOnHand Selection List added
	Example Work Request Selection List added

## Release 3.22

Reference	Description
(D-89086)	Rationalised use of Hyperlinks, Icon actions and tooltips on Administrative screens (Configuration and Report options)
(D-89825)	Category Confirmation message modified to display description rather than code
(D-89588)	Changed icon used for Unindexed Libraries
(D-88293)	Fixed inconsistent formatting of pop-up window dialogs
(D-89859)	Rectified formatting of confirmation message
(D-89649)	Minor formatting on Selection List Configuration
(D-89089)	After selecting a selection list item with an invalid reference and then selecting a valid reference, page and picture now displays correctly
(D-89989)	Advanced Search re-formatted to new styling
(B-129889)	OCITest.aspx enhanced to include book specification
CR-349574 (D-92846)	Parts List auto scrolling to the selected item is no longer blocked by the footer when present.
CR-415798 (D-92848)	Reduced apparent flickering of Parts List when it is being scrolled on IE, Edge and Firefox browsers.
(D-139863)	Increased default Draft book expiry period to 30 days
(B-148534)	Introduced check to ensure browser has popups enabled on OCI Checkout

## Release 3.21 Beta

This version was not released and fixes incorporated into 3.22

## Release 3.20

Reference	Description
(D-84348)	'Zoom In' button no longer stops working after 2 or 3 clicks.
(D-84388)	Print Dialog now shows 'Print the current zoomed Picture' option after initially clicking 'Zoom In' button.
(B-105993)	The Table of Contents column headers are now resizeable within the frame.
CR-251681 (D-78734)	Improvements to Table of Contents column header resizing  TOC Column resizing made persistent between books
CR-173533 (D-71982)	Non-collapsed rows with empty data now displayed using the correct height.
(D-74737)	Callouts in zoomed area on a huge image now can be printed.
(B-113161)	Installer has been modified to support SQL Server 2016.
(D-87238)	When viewing some CGM graphics, the graphic was offset, this has now been corrected.
(B-92563)	Default Internet Explorer version upgraded to IE11/Edge via User-Agent header

## Release 3.19

Reference	Description
(D-83737)	'Print the Current Parts List' now works as expected.
(B-96611)	Enhanced delineation between icons and text on the Main Menu.
(D-79914)	Default Selection List abbreviation 'Manuf.' updated to 'Manufacturer'.
(D-79915)	Selection List now has confirmation on the clear action.
CR-265606 (D-81394)	Print Sheet Numbers now show correctly when interleaving Partslist and Pictures are used.
CR-216818 (D-72367)	PartsList headers are now always visible when scrolling the Partslist.



Reference	Description
	matches WinView.

## Release 3.16

Reference	Description
(D-66222)	Installer modified to avoid crashing in rare cases due to website binding order
(D-70684)	Printing improvement for Vector images containing clipping regions
(D-66211)	Installer modified to ensure that ASP .Net is installed
(D-68288)	TallComponents watermark has been removed from Prints of Embedded PDF documents.
(D-64959)	Permanent Filters now remove corresponding Option Data from the Parts List, as per Temporary Filters.
CR-159596 (D-11007)	If the Preferred List Title Field does not exist on a Page, the page's Title Field is displayed.
(D-65486)	Dropdown arrow is now anchored to the Icon List Box in the Category Dialog.
(D-65515)	Error messages are displayed if duplicate Category Codes are created or duplicate Language Codes within a Category are created.
(D-69621)	InstallLinkOneBookIndexingService/UnInstallLinkOneBookIndexingService batch files have been updated to Framework 4.  BookChangeListener now correctly reads the Library List from Mincom.LinkOne.WebView.config.
(D-69673)	Remove Null Reference error when Advanced Search returns zero results
CR-171314 (D-58647)	Selecting a Book Result in Advanced Search no longer gives a 'Book Not Found' error.
(D-32765)	Callouts no longer appear in front of drop down menus when using Chrome.
(B-77880)	An overlay can be added to every printed page via a Custom Security Provider and the DrawPrintingOverlay function.
(D-71506)	Printing a whole Derived Book loaded via the Configuration Manager no longer causes a null reference

Reference	Description
	error.

## Release 3.15

Reference	Description
CR-177864 (D-61177)	WebView sometimes freezes when paginating though a book after a series (>20) of clicks. Rectification of issue included upgrade of jquery.js
(D-49434)	Saving search results sets now saves the entire result set rather than filtering the result set based on the first row criteria
(D-63850)	Cancelling the deletion of a saved Selection List now operates correctly
(D-50962)	Permanent filter descriptions where not saved. Edit icon introduced to Note and Filter edit screens to avoid default deletion behaviour when Enter key is pressed.
(D-64880)	Cancelling the deletion of a Permanent filter now operates correctly
(B-69247)	Rebrand documentation to ABB
(B-61258)	Rebrand Software to ABB

## Release 3.14

Reference	Description
CR-161940 (D-45152)	Printing books no longer cause the Print Progress page to 'hang' when image issue encountered.
CR-162782 (D-46766)	Print cache filenames enhanced to incorporate layout details
CR-162002 (D-45486)	Layouts with Column Collapse now works correctly when a comment spans all columns.
CR-163923 (D-47868)	Layouts with Top and Bottom Rules are no longer drawn 1 Row too low.
CR-137778 (D-26245)	Layouts PartsList Entry now must contain ONLY a Description and NO specified Format to be treated as a Comment (as per Publisher User Guide).
CR-162149 (D-46387)	Embedded PDF with Ampersands in the filename now work correctly

Reference	Description
CR-168827 (D-50630)	Licence count no longer increases when opening an uncached pictures on IIS 8.5.
CR-158772 (D-42203)	Printing zoomed images no longer overlays over page header/footer
CR-162812 (D-46904)	Picture Control modified to always scale down from a larger image
CR-163580 (D-47546)	Print modified to correctly scale Embedded PDF to the fit paper size
CR-163583 (D-47560)	Codecs assembly resource missing
CR-163627 (D-47769)	Printing enhanced to handle 'WidthAndHeightCannotBeNegative' exception
CR-169888 (D-51359)	Corrected handling of Derived books when Master book is hidden
(D-42744)	Printing vector images enhanced
(B-62140)	Installer enhanced to support SQL Server 2014

## Release 3.13 SP1

Reference	Description
4628 (D-46574)	Ellipse 8 Integration is now working.

## Release 3.13

Reference	Description
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## Release 3.12

Reference	Description
4178 (TM5)	LastVerifiedTime for Remote Libraries now uses UTC.
4200	Rectified line type callouts not appearing.
4201	Fixed callout text appearing at 90 degrees counter clockwise to where it should be.
4203	LinkOneNotificationService won't start.
4265	Resolved broken Filters.

Reference	Description
4316 (WU273)	Embedded HTML documents which contain links to files with invalid filenames (ie with trailing spaces) are now handled correctly.
4317 (LZ471)	Bookmark Comments are now saved.
4326 (D-08358)	WebView 3.11 PDF printing via Acrobat/IE now works.
4339 (D-03653)	Fixed issue with printing the same first page of embedded xml or html docs for every page when the html spans multiple pages.
4353 (B-19385)	Disabled changing password for user
4354	Improved vector image display quality.
4374 (D-12343)	Navigating a book after it was found using an equipment ID, now works.
4377	Fixed Notes Import Tool reporting unknown element error.
4378	Fixed issue with interaction with Parts List and Selection list.
4379 (D-15662)	Printing for text in codepages other than the current system codepage now works.
4380 (D-14726)	Fixed TOC w/scroll bar fails to reappear.
4389 (D-14728)	Fixed TOC presents error when adding note.
4390 (D-15686)	Fixed silentlogin.aspx & passing options can error.
4401 (D-15539)	Fixed Permanent Filters do not apply when set on the page.
4402 (D-16948)	Fixed Search Webservice returning obfuscated Property Names.
4403 (D-17319)	Fixed an issue where newly created categories in WebView are not immediately displayed when user does not have "All Notes" access.
4404 (D-17466)	Fixed an issue where webview did not print sheet numbers.
4405 (D-17611)	Rectified error when using Next/Previous Page after navigating by equipment ID.
4408 (D-17990)	Fixed various issues when opening a book by equipment ID.
4410 (B-26982)	Added User Configuration/Allowed Notes effective 'All

Reference	Description
	Notes' indicator.
4415	Resolved the "Document cannot be printed" error when attempting to print PDF's generated from WebView print.
4414	Implemented callout description format callout_tooltip in line with WinView feature.
4416	Fixed an issue where full book printing consumed license tokens.
4417 (B-26981)	Added inherited book access info to configure user page.
4418 (B-29138)	Added inherited notes access info to configure user page.
4419 (B-26983)	Added validation when assigning category to role or user.
4420 (D-21558)	Selecting a different picture either by choosing from the drop down list or using the Next/Previous Picture buttons now works.
4421 (D-21723)	BookNotFound, MasterBookNotFound and DraftBook Exceptions are now handled correctly and do not stop the session.
4423 (D-11319)	Resizing web browser window inconsistent image size now corrected.
4426 (D-09898)	Issue with Resizing form continually shrinking picture panel corrected
4430 (D-21452)	Applying a Tempory Filter that removes all pages in the Book, no longer hangs the Viewer.
4431 (D-22416)	HyperLink Prompts are now saved correctly.
4432 (D-18739)	Reindexing a Publisher with every Book missing a book.def no longer displays a "Value cannot be null. Parameter name:s" message.  Reindexing a Library with every Publisher missing a man.def no longer displays a "Value cannot be null. Parameter name:s" message.
4436 (D-09759)	Fixed issue with TOC header line always appearing in English.
4437 (D-11680)	Categories that are Private-Global to a user are no longer visable to other users.
4439 (D-23039)	Added support for CALLOUT_TOOLTIP_FORMAT in layouts.
4443 (D-05575)	HyperLink/XREF Note prompts now handle CRLFs

Reference	Description
	correctly. XREF Note Prompts are now saved.
4445 (D-23396)	SRC and HREF tags in embedded HTML documents with a blank target, no longer cause Exceptions.
4449 (D-21966)	Adding a Note to a Parts List Entry now adjusts left Border of Header and Footer.
4450 (D-24079)	LH Borders on the Header, Body and Footer of the Parts List now align.
4451 (D-24081)	RH Borders on the Header, Body and Footer of the Parts List now align.
4453 (D-19518)	Publisher Defined Fixed Option Filters are now correctly applied to Derived Pages.
(D-22425)	Parts List Footers in Multilingual Derived Books are now displayed correctly.
4458 (D-25531)	A and i characters in embedded PDFs now print correctly.
4461 (D-25899)	Fixed an issue where clicking on the picture panel when no picture exists on the current page caused an exception.
4475 (B-37935)	Added enabled attribute to settings in mincom.linkone.webview.config so that settings can be disabled instead of commented out.
4478 (D-26055)	Option columns in the parts list now show the fully qualified option name/value when the ShowOptionNames flag is set to ON in the BOOK.INF.
4481 (D-26665)	Fixed a bug where changing the QTY in a selection list causes an error.
4490 (D-26570)	Dragging the red box in the WebView minimap does not allow navigation to far bottom or right of image.
4491 (B-39546)	Clear the OCI selection list at the end of processing.
4496 (D-26318)	If there is no TOC page, the first page in the book is no longer ALWAYS shown as the first page in the Table Of Contents.

## Release 3.11

Reference	Description
4203 (IG199)	LinkOneNotificationService now starts correctly.
4200 (IG195)	Linear callouts now implemented.
4201 (IG196)	Callout rotation now implemented.

Reference	Description
N/A	Printing to PDF now retains vector graphics thereby reducing PDF file sizes and the time taken to generate them.
4265 (RT2399)	Applying a temporary Filter to a page with multiple pictures but no Parts List now works correctly.
4288 (D-04091)	ClearCache Tool now only deletes a Book, not a Publisher nor a Library.

## Release 3.10 SP2

Reference	Description
4202	Fixed an issue where selecting many books for advanced search gave an error.
4213 (IG181)	Partslist columns with MIN_WIDTH attributes now work correctly.
4206 (MI34215)	Token Usage Logs now work correctly.
3991 (MI33822)	Clicking on a Partslist entry with a hotpoint on a Picture that is not Picture 1, now displays the correct picture.
4215 (CR704)	Improved performance of Book Browser.
4235	Fixed an issue where next page sometimes corrupts the table of contents.

## Release 3.10 SP1

Reference	Description
4225	Changed Picture Handler to make Ellipse 8 MSELNK integration work with WebView 3.10

## Release 3.10

Reference	Description
4083 (LZ462)	WebView now reads Version 5.1 Books.
4153 (J135)	Fixed another cause of "Could not load picture data from server" messages. This involved Filters removing pictures from the Viewer.  If a Filter removes pictures from the Viewer, the remaining pictures are no longer corrupt.
4131 (MI34081)	Saving SearchResults for a Publisher now works correctly, instead of saving for an Entry.

Reference	Description
4107 (MI34035)	Selection List Field mapping now works as per WinView.
4086 (ID124)	Minor Formating bug fixed.
3970 (LZ461)	URLs with a hidden item reference no longer causes a javascript error.

## Release 3.9 SP2

Reference	Description
4135 (IG193)	Fixed an issue where WebView would crash when the IE language (locale) was set to one that did not use ':' as a time separator, e.g, Italian (HH.mm.ss)

## Release 3.9 SP1

Reference	Description
4122	Fixed an issue where selection list migration failed after upgrading from a previous WebView 3 version in some cases

## Release 3.9

Reference	Description
3961 (WU253)	Checked items on the Multi-Book search list are now remembered.
3963 (MI33771)	Viewer no longer crashes when trying to open an Expired book.
3986 (LA14)	Empty Parts List columns no longer shrink in width when paging.
3988 (LA13)	PDF colour pictures using EmfCreateBrushIndirect now display in colour.
3989 (IG179)	If the Default Layout has a Preferred Search Set this is now displayed, rather than the Book's Default Search Set.
3992 (IG180)	Selecting a HotPoint on a picture, now highlights the correct Parts List entry.
4012 (NG793)	A meaningful Error message is displayed when an Invalid WebView licence is used, instead of crashing.
4015 (WU241)	German word for Delete has been corrected.
4022 (L13)	2 causes of "Picture data could not be loaded from Server" messages appearing have been identified and

Reference	Description
(2C63)	fixed.
4028 (WU250)	The Book language in the Login Options is now correctly set to the first language in the Browser's list of languages that is supported by the Server.
4030 (IG186)	Changing the Layout now changes the Search Set if the new Layout contains a Preferred Search set.
4036 (IG184)	Selecting a Search Result correctly scrolls the Parts List so the item is visible.
(U44)	
4040 (WU256)	Hovering over links in Parts List no longer displays a Hint showing the link target.
4041 (WU249)	Scroll bars now work correctly in Search and Selection List dialogs under FireFox and Chrome.
4050 (WU258)	Adding User access to a Book/Category with more than 1 level of Category, now works.
4056 (J119)	Popup notes in a Master book for which a user does not have a key, are now displayed correctly.
4062 (IG189) (WU231)	Clicking the Checkout button using the OCI Selection List now works on FireFox.
4063 (ID120) (ID121) (J120)	Next/Previous Picture buttons and Picture List drop down now work correctly.
3847 (MI33607)	Remove spinner from Picture Pane if there is no Picture.
4067 (J116)	Fixed cause of "'linkone.jsviewer.metadata.length' is null or not an object" error
4068 (J118)	If all books in a category are hidden, then the Category is hidden. Similarly, if a publisher has no visible Books or categories, the Publisher is hidden.
4079 (AH1874)	Books built with Ver. 1 Graphic files (.pcx) did not show the pictures.
4096 (MI34010)	Translated Publisher & Book Description now display if available.
4101 (IG190)	Clicking a Partslist entry without a Hotpoint no longer highlights a Hotpoint.

## Release 3.8

Reference	Description
3900 (IG169)	The Print Landscape option now works correctly.
3919 (IG176)	'Picture not Found' error when using HTTPS on IIS6 has been solved (see Technical Reference)
3939 (IG178)	Double clicking a Hotpoint to an item that is Selectable and a Link now follows the Link.
3926 (WU246)	Callout position and size corrected for long callout text.
3922 (J115)	'Popup on Every Page' Notes now display when associated callouts are selected.
3932 (MI33725)	Viewer no longer crashes when a Draft book is opened.
3934 (MI33711)	The 'Supplied' radio button is now enabled (if allowed by Policy) when creating a new Note.
3935 (MI33206)	Viewer no longer crashes if it does not have a Security Key for a locked book.
3941 (MI33735)	History list now works correctly.

## Release 3.7

Reference	Description
3882 (IG160)	Accessing the Search dialog when a book contains a locked Search Set no longer causes a LicenceLockException.
3889 (IG171)	User names may now be more like Active Directory user name (. is valid in a user name).
3893 (IG163)	Categories containing _ can now be added in the 'User Configuration'/'Allowed Books' dialog.
(M22)	Publisher codes and Book codes with _ can now be added in the 'User Configuration'/'Allowed Books' dialog.
(MI33630)	Selecting a Publisher now adds all its books in the 'User Configuration'/'Allowed Books' dialog.
3894 (U42)	The Search dialog now shows all the Searches for the default 'Search Set' when it first displays.
3788 (IG167)	Preferred Search Set now displays.

## Release 3.6

Reference	Description
3754 (8A16)	When creating a "Publisher Part" note, the "Supplied" radio button is now enabled when you click the "Publisher Part" radio button.
3594 (MI33405)	Supplying a url of form ?book=pubcode/bookcode/itemid now highlights the item
3761 (7V2)	Icons for Category Note Buttons now show correctly in IE Graphics in embedded HTML documents now display even if they exist in a directory other than the HTML document.
3775 (MI33561)	Links in embedded HTML documents to anchors/hotpoints now work.
3652 (MI33463)	When a page is printed in Webview that contains footer details, the footer data is now sized to fit the width of the page.

## Release 3.5 SP2

Reference	Description
3645 (LZ452)	Parts related radio buttons now available when creating a new note after navigating via a Text Reference note.
3399 (RW11)	Modified printing to prevent layouts spilling off bottom and right side of page.
3672	Creating or deleting notes in the notes dialog while an embedded PDF document is showing no longer causes errors.
3668	Improvements to Silverlight picture control to increase performance.
3663	Updates to web services for Ellipse 8.2 integration.
3662	Fixed full book printing timeouts and configurable number of simultaneous book print jobs.
3657 (8A23)	Notes with 'Category Menu' or 'Menu Button' behaviour now appear under 'Uncategorised Notes' if no category set.

## Release 3.5 SP1

Reference	Description
3610 (MI33421)	Enhanced the cache control headers and adjusted for IIS6.
3625 (IG162)	Opening a book where a page other than the first page has a reference of TOC, now opens this page correctly.
3629 (LZ453)	Search Results are now cleared after using a bookmark to a different book.
3593 (MI33400)	Restricting Books for a user now works correctly.
3600 (MI33412)	A Note created for the first page of a book now appears in the List Notes panel if needed.  Cross Reference Notes now open the reference when the 'Yes' button is clicked.
3627 (MI33430)	Using a format with a COLGAP using percentage units now works on IE 8 and 9.
3634 (MI33438)	Log files now all save to the Log Directory.
3399 (RW11)	Added print options of orientation and paper size to the print dialog. Used the orientation and paper size to now define the image that is built in the PDF document to be printed.
3620 (WU242)	A Link in a parts list to another book now updates the picture correctly.

## Release 3.5

Reference	Description
3465 (8A15)	WebView now correctly displays pictures and documents when used from behind a proxy/load balancer.
3233 (8A11)	The horizontal scroll bar on the selection list is no longer hidden when the Note Tool bar appears on the page.
3483 (8A17)	Editing Notes from WinView that contain HTML no longer cause an error.
3450 (IG147)	It is now possible to unlock a locked out user on the configure users page
3436 (1Q5)	Silent login with search parameters now correctly executes the search
3411 (WU229)	Searching multiple books no longer allows single parameter searches to be performed with an empty

Reference	Description
	string.
3349 (WU203)	Using the 'Backward in History' button now works for Firefox.
3367 (WU223)	Selection List Exception message no longer covers List header.
3428 (WU229)	Can no longer search multiple books with an empty search parameter.
3151 (LZ432)	Performance optimisations. Web View now uses read only session state where possible. This allows greater parallel processing of client requests. Picture requests for a client now processed in parallel making for better performance.
3416 (LZ445)	Images failed to load on book jumps that included an item number: <ol style="list-style-type: none"> <li>1. When specifying a picture number as well,</li> <li>2. When no picture number specified and item number does not have a visible callout.</li> </ol>
3425 (LZ448)	Text Notes associated with a Part Number now only display on a page that contains the part.
3426 (RW12)	HRefs in HTM pages that link to Bookmarks are now supported.
3432 (N53)	IIS7 splash screen would show in place of selection list. This occurred on session state expiry.  Behaviour change: To support this fix, the site theme and selection list are stored in the user profile. This means that the selection persists for a user on subsequent logins. The login page had additional options for Theme and Selection List combo boxes: "My Profile".  This uses the profile value and is the default option.
3408 (N52)	Fixed error "Item has already been added. Key in dictionary: 'SecurityAnswer'".
3548 (N54)	Selection 'Open' in the Selection List now correctly displays all previously saved selection lists.
3419 (WU227)	Fixed picture control not working with some versions of Silverlight 4.
3338 (RW5)	All forms of Popup Notes now behave as per WinView, and display on Notes Dialog and Uncategorized Notes

Reference	Description
	drop down list as per WinView.
3444 (RW5)	Various 'variable not defined' errors in javascript fixed.
3484 (8A19)	Using HREF="*/PageRef" now works.
3508 (RW17)	\$PUB\$, \$BOOK\$, \$REF\$ and \$ITEM\$ now work if used appropriately in a bookmark.
3519 (RW16)	Modified picture scaling to use true vector scaling for vector images by default including a configuration setting UseVectorScaling which can turn it off.
3550 (RW13)	PartNumber searches now return pages in a SN Range that has been defined with no lower bound.
3552 (RW18)	PartsList now resizes correctly when SelectionList is resized.
3509 (RW23)	Pictures containing many images (>100) load faster.
3558 (LZ450)	Images now display correctly in Safari and FireFox on Mac.
(LZ441)	Rectified issue causing NPObjct error on Chrome.
3562 (LZ451)	Silverlight display issues have been addressed.
3485 (WU235)	Clicking on a link in a Parts Lists row now opens the page and scrolls the item into view.
3438 (IG152)	Pressing the 'Enter' key when editing the Selection List no longer causes the first row to become editable.
3514	For IE7, opening the notes page and adding a Pagepart notes, now results in the main screen being refreshed correctly.
3516	Fixed issue causing IEnumerable errors.
3533	In the Text Notes window, the literal 'Prompt' has been changed to 'Annotation' in line with WinView.
3549	When adding a blank item into the Selection List, the fields are immediately editable.
3577	Pictures now display when using FireFox 'Private Browsing' mode.
N/A	Web.config default setting for sessionState set to "InProc".  This change brings it back in line with the technical reference documentation.

Reference	Description
	Web farm setups should use a shared "StateServer" or an SQL database.
3528 (MI33325)	The navigate backwards button now works after navigating using a link in a html document that references a bookmark.
3434 (MI33171)	Clicking on a Parts List row that has 'Popup Once' Notes, now displays the Notes.
3560 (MI33360)	Search results are now remembered in FireFox and Chrome.
3573 (MI33375)	On the Search dialog, the MultiBook and Save options are now disabled correctly.
3581 (MI33378)	Modified web.config to allow WebView to run in 'EmulateIE8' document mode under IE9.
3586 (MI33381)	Double clicking on a HotPoint that links to another page now works correctly.
3588 (MI33384)(LZ454)	Setting LogDirectory in config file to "~/Data/MyLog", for example, now expands ~ correctly.

## Release 3.4

Reference	Description
3313 (WU221)	Page References with a '/' character no longer cause a problem when trying to print.
3308 (RW6)	Page References with a '/' character no longer cause a 'Page not Found' error.
3312 (IG146)	Page References with a Scandanavian character no longer cause a 'Page not Found' error.
3196 (J12)	BookSyncTool now accesses master libraries on websites requiring username/password.
3327 (RW7)	HRefs in an embedded HTML page where the HRef contains a bookmark to a page reference with a '/' character no longer causes a problem.
3326 (LZ438)	Hiding the selection list no longer raises Javascript errors during browsing.
3151 (LZ432)	Performance improvements:  Reduced the amount of file IO.

Reference	Description
	Silverlight control created slightly earlier.
	Reduced the number of queries to fetch picture meta data.
	Image control restricts requests to the required tile levels.
	Image control requests for lower resolution images are honoured.
	Also fixes bugs with images being faint or not showing when picture viewport is small.
	Code optimisations: various, including asynchronous user event logging.
	Exposed book cache lifetime.
	Beta feature: prime picture cache sooner (must be explicitly enabled, see Technical Reference)
	Beta feature: start loading books in book browser (must be explicitly enabled, see Technical Reference)
3333 (MI33151)	Print Dialogs that appear on top of pages with an embedded PDF now display the Dialog border.
3338 (RW5)	Popup Notes flagged as PopupOnce, now do not behave like PopupEveryPage.
3344 (DE49)	Hiding a Selection List containing items no longer causes a javascript error.
3346 (WU217)	Catalogs with file timestamps in the future now load without error.
3349 (WU203)	Using the 'Backward in History' button now works if a Parts List item links to another book.
3353 (LZ443)	Multi-line Text Notes can now be created in Chrome.

## Release 3.3

Reference	Description
3144 (LZ431)	Common.js getProperty now works with win param.
3150	Parts Lists with Ids containing consecutive spaces now work.
3163 (JL10)	Part A : Pictures combo dropdown list now displays '*', picture number and picture title.
3184	Search Result Grid heading for key field/s now show the

Reference	Description
	Field names
3172 (LZ433)	Text is now clickable in the Notes List above the Parts List
3179 (WU206)	Display Field is now shown in Custom Search result grids
3186	Can now Create/Delete Notes on a page with Embedded HTML
3191 (LZ435)	Cross reference notes now redirect automatically when the prompt is empty.
3228 (LZ436)	Selectionlist header now remains visible when scrolling parts in the selectionlist.
3213 (WU212)	CPU load is now reduced when loading large Selection Lists.
3227 (WU210)	WebView picture title (image description) is now translated.
3242	WebView 3 image tooltips are now translated if the book contains userdefined fields for part description.  The userdefined fields must use the pattern of 'lc'_DESC where 'lc' is the 2 character language code.  e.g DE_DESC would be the German part description.

## Release 3.2

Reference	Description
3020	The current position now correctly reflects the currently viewed book and page.
3021	OCI selection list no longer shows an error when saving a part after aditing it.
3031	linkone: commands now work in embedded html documents in FireFox.
3074	linkone: commands now function correctly for jump to bookmark commands.
3075	Hidden fields no longer show when print a selection list.
3076	The selection list now sorts correctly after clicking the part column headers.
3088	Menu images now show on the error.aspx page.

Reference	Description
3119	Search command parameters are now correctly handled.
3127	Hitting Enter on the configuration pages now correctly submits the edited or added entry.
3128	Parts List columns are now displayed at the correct width.

## Release 3.1

Reference	Description
2743	Chrome no longer shows the parts list overlaying the parts header.
2756	Printed PDF content no longer has a watermark across each page.
2777	Pictures can now be printed without the need for a callout to be selected.
2783	The IIS version can now be overridden during a command line install using VERSIONIIS.
2787	Only selectable callouts can now be added to the selection list.
2788	Callouts that are links are now followed when double clicked.
2789	Callouts that are links now correctly show a hand cursor.
2806	WebView will now install on German Windows 7
2845	The installer no longer stops when duplicate website names are found on Windows 2003.
2855	The installer no longer stops when the print service is not running.
2856	The OCI selection list now maintains the HOOK_URL between books.
2872	Adding an assembly part now prompts to remove selected sub-assembly parts
2879	Notes are now read correctly when running WebView on a server cluster.
2897	A newly created category can now be seen without the All Notes policy enabled for the creator.
2908	Pictures can now be seen when running with HTTPS (see Tech Ref document).

Reference	Description
2915	The login now offers Simplified Chinese as a book language.
2917	The exported selection list is now correctly generated in the codepage of the library.
2985	Printing now functions correctly in FireFox.
2988	Additional selection list <map> field mapping sections are now obeyed.
3010	Parts list entries with blank part numbers are no longer selectable.
3012	Selection list columns are now hidden if they have a hidden="true" attribute in their SelectionList.xml definition.