

# Perceptive Intelligent Capture

Release Notes

Version: 5.6 SP2

Written by: Product Knowledge, R&D  
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**perceptive**software  
from Lexmark

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## Table of Contents

<b>Overview .....</b>	<b>4</b>
Compatibility .....	4
<i>Internal compatibility</i> .....	4
<i>Transliteration</i> .....	4
<i>FineReader Engine</i> .....	4
<b>PIC 5.6 service pack 2 (July 2015).....</b>	<b>5</b>
Enhancements.....	5
Updates .....	7
<b>PIC 5.6 service pack 1 (December 2014).....</b>	<b>9</b>
Enhancements.....	9
Updates .....	10
<b>PIC 5.6 release (November 2014).....</b>	<b>14</b>
Enhancements.....	14
<i>General &amp; Perceptive Intelligent Capture Designer</i> .....	14
<i>Perceptive Intelligent Capture Installation</i> .....	15
<i>Perceptive Intelligent Capture Verifier</i> .....	15
<i>Perceptive Intelligent Capture Web Verifier</i> .....	18
<i>Perceptive Intelligent Capture Tools</i> .....	19
Updates .....	19
<i>Perceptive Intelligent Capture Designer and Database</i> .....	19
<i>Perceptive Intelligent Capture Verifier</i> .....	35
<i>Perceptive Intelligent Capture Web Verifier</i> .....	49
<i>Perceptive Intelligent Capture Runtime Server</i> .....	54
<i>Installation</i> .....	57
<i>Learn Set Manager</i> .....	59
<i>Engines</i> .....	60
<i>Scripting</i> .....	63
<i>Licensing</i> .....	66
<i>Tools</i> .....	66
<i>Documentation</i> .....	69

## Overview

This document contains descriptions of defect corrections, software extensions, and new features.

For platform support information, refer to the [Perceptive Intelligent Capture Technical Specifications 5.6.x](#). To review changes made in previous releases, refer to the previously published Release Notes.

## Compatibility

### Internal compatibility

From Perceptive Intelligent Capture (PIC) version 5.4.x and higher, all implementations should use the Database option rather than the file system. Customers with a file system who want to upgrade to versions beyond PIC 5.3 SP2 must upgrade to Database.

The baseline capabilities of PIC 5.5 SP3 are fully backwards compatible with previous versions. Existing projects can be upgraded to Version 5.6 SP2 by following the instructions in the [Perceptive Intelligent Capture Migration Guide 5.6.x](#). Projects built with PIC 5.6 SP2 do not have backwards compatibility, and cannot be used in any previous version of PIC.

### Transliteration

If you have projects that use the transliteration built into Intelligent Capture version 5.5.x, you may need to correct them to use the 5.6 SP2 transliterated texts.

For more information, refer to the “Transliteration differences” section in the [Perceptive Intelligent Capture Migration Guide 5.6.x](#).

### FineReader Engine

Effective with the 5.6.x release, PIC only allows you to create new projects with ABBYY FineReader 10 or 11, and no longer supports new projects with version 8.1. Existing projects that use FineReader 8.1 will work without interruption following the upgrade. However, new projects will not have the ability to use FineReader 8.1. If you have support issues regarding FineReader 8.1, upgrade your project to use FineReader 10 or FineReader 11 before continuing with the support case.

Refer to the [Perceptive Intelligent Capture Migration Guide 5.6.x](#) and [Perceptive Intelligent Capture Designer User Guide 5.6.x](#) for details on how to upgrade a project that uses FineReader 8.1.

## PIC 5.6 service pack 2 (July 2015)

Service pack 2 includes the following enhancements and updates.

### Enhancements

ID	Affected Feature / Engine	Description																																								
E1808	FineReader 11	This service pack includes updates and enhancements provided by the FineReader 11 R3 release.																																								
E2073	FineReader 10 & 11	<p>This service pack provides support for the following OCR languages by default. No additional licenses are required.</p> <table border="0"> <tr> <td>Bulgarian</td> <td>Latvian</td> </tr> <tr> <td>Chinese Simplified</td> <td>Lithuanian</td> </tr> <tr> <td>Chinese Simplified + English</td> <td>Norwegian</td> </tr> <tr> <td>Czech</td> <td>Norwegian - Bokmal</td> </tr> <tr> <td>Danish</td> <td>Norwegian- Nynorsk</td> </tr> <tr> <td>Digits</td> <td>Polish</td> </tr> <tr> <td>Dutch</td> <td>Portuguese - Brazilian</td> </tr> <tr> <td>English</td> <td>Portuguese - Standard</td> </tr> <tr> <td>Estonian</td> <td>Romanian</td> </tr> <tr> <td>Finnish</td> <td>Russian</td> </tr> <tr> <td>French</td> <td>Slovak</td> </tr> <tr> <td>German</td> <td>Slovenian</td> </tr> <tr> <td>Greek</td> <td>Spanish</td> </tr> <tr> <td>Hungarian</td> <td>Swedish</td> </tr> <tr> <td>Italian</td> <td>Thai</td> </tr> <tr> <td>Japanese</td> <td>Turkish</td> </tr> <tr> <td>Japanese + English</td> <td>Ukranian</td> </tr> <tr> <td>Korean</td> <td>Vietnamese</td> </tr> <tr> <td>Korean + English</td> <td>CMC7</td> </tr> <tr> <td>KoreanHangul</td> <td>E13B</td> </tr> </table>	Bulgarian	Latvian	Chinese Simplified	Lithuanian	Chinese Simplified + English	Norwegian	Czech	Norwegian - Bokmal	Danish	Norwegian- Nynorsk	Digits	Polish	Dutch	Portuguese - Brazilian	English	Portuguese - Standard	Estonian	Romanian	Finnish	Russian	French	Slovak	German	Slovenian	Greek	Spanish	Hungarian	Swedish	Italian	Thai	Japanese	Turkish	Japanese + English	Ukranian	Korean	Vietnamese	Korean + English	CMC7	KoreanHangul	E13B
Bulgarian	Latvian																																									
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Danish	Norwegian- Nynorsk																																									
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Hungarian	Swedish																																									
Italian	Thai																																									
Japanese	Turkish																																									
Japanese + English	Ukranian																																									
Korean	Vietnamese																																									
Korean + English	CMC7																																									
KoreanHangul	E13B																																									
E2062	License access	<p>This service pack improves the licensing subsystem performance and functionality. It also optimizes access to the shared license file, Runtime.lic.</p> <p>The behavior for the shared license check changes as follows.</p> <ul style="list-style-type: none"> <li>This service pack consolidates a number of reads of the Runtime.lic file to make these concurrent with the instance</li> </ul>																																								

ID	Affected Feature / Engine	Description
		<p>license counter updates.</p> <ul style="list-style-type: none"> <li>• The frequency with which PIC updates the license timestamp is now the CheckPeriod setting divided by 6. If the license file does not define the check period, the default value is 30 minutes.</li> <li>• PIC now logs all failed attempts to access Runtime.lic.</li> <li>• PIC now reads the Runtime.lic file only when the batch list contains a batch that requires processing. This has reduced the number of attempts to access the Runtime.lic file.</li> <li>• The lookup for the \Runtime\Master directory is now redundant and has been removed.</li> <li>• Additional trace information related to Runtime.lic access is available in the CdrBatch and CdrProj component logs. This information is output when ErrorTrace is set to level 2 or greater. Refer to the Registry Options section in Installation Guide for details on ErrorTrace levels.</li> </ul>
E1809		<p>Perceptive Intelligent Capture 5.6 SP2 now supports Internet Explorer 11 as client browser.</p>

## Updates

ID	Support #	Affected Feature / Engine	Description
ALM 13040 (TFS 11447)	N/A	FineReader 11 OCR processing and extraction	Resolved an issue with FineReader 11 that could cause PIC to shut down during extraction.
ALM 13039 (TFS 11446)	N/A	FineReader 11 OCR performance	Resolved an issue with FineReader 11 that could affect CPU usage during OCR processing.
ALM 13020 (TFS 11427)	N/A	FineReader 11 OCR processing	Resolved an issue with FineReader 11 that could cause OCR processing to end if users launched more than three OCR instances.
TFS11546		Workdoc Browser Database access	Resolved an issue that could prevent the Workdoc Browser from locating the stdole.dll file. This file is necessary for DB access. A copy of this file is now included in the directory that contains the Workdoc Browser application.
TFS11541	01167556	Installation	<p>Previously, installing Intelligent Capture on systems with the System Locale set to Chinese (Simplified, PRC) resulted in incorrect ANSI encoding of the Web.config and Brainware.System.Project.exe.config files. This led to incorrect interpretation of Chinese characters. The installer now modifies the configuration files, ensuring that the encoding of these files remains as UTF-8.</p> <p><b>Note</b> Enabling of VB script execution is mandatory prior to installation.</p>
TFS11534	01135009	Web Verifier	Resolved an issue that could cause the Document_FocusChange event to behave incorrectly. Previously, it could cause the cursor to jump to the first invalid field of the verification form instead of to the field specified by the event's script.
TFS11531	N/A	Verifier	Resolved an issue that could cause Verifier to select the whole cell or field content if the user set the Field edit mode option to "Overwrite".
TFS11481	N/A	Web Verifier Batch release	Resolved an issue in Web Verifier that could cause a batch to incorrectly release to state 700. This could occur if the user, after verification of the last document in a batch, clicked <b>No</b> in the <b>Would you like to release the batch</b> dialog box, and then returned to the batch list.

ID	Support #	Affected Feature / Engine	Description
TFS11344	N/A	Web Verifier Languages	Resolved an issue that prevented Web Verifier users from entering Polish-specific characters in the User Name and Password fields on the login screen.
ALM12258 (TFS10666)	N/A	Verifier	Resolved an issue that caused the table cell to accept only one character at a time in the snippet when, with the Overwrite setting enabled, the user tried to enter data in the enlarged field snippet for any table cell which was empty. This also caused the Autotype function to fail.
TFS8635	N/A	Verifier	Resolved an issue that could prevent users from mapping columns if they used the Switch Table Highlighting shortcut, CTRL + Q, twice in a row.
TFS5648	BW03694	SLW	<p>Resolved an issue that could prevent the Add to Learnset button from reflecting the conditions and rules associated with the currently selected vendor.</p> <p>The button's status depends on the Vendor Type value assigned to the corresponding item in the Associative Search engine pool.</p> <p>The button is disabled if Vendor Type is configured as "never learn documents for this vendor class" or if it is configured to "allow learning of only one document for this vendor class," and there is one document already available in the learnset.</p> <p>Otherwise, the Add to Learnset button is automatically enabled, which allows Supervised Learning Verifier users to add the currently verified document to the local learnset.</p>
US56825	N/A	Extraction	Resolved an issue that could cause extraction in classes with encrypted script code to result in a memory leak and the incorrect locking of temporary Associative Search Engine (ASE) pool files. Previously, the issue prevented the reuse of the ASE pool files during subsequent processing and only an instance restart could remove the lock.



## PIC 5.6 service pack 1 (December 2014)

Service pack 1 included the following enhancements and updates.

### Enhancements

ID	Affected Feature / Engine	Description
F2833	OCR Engine	<p>The functionality of the 3<sup>rd</sup> party product INSO has been replaced by the Perceptive Document Filters component. The Document Filters component provides the capabilities to do data extraction from electronic documents, referred to as CI-documents or CIDoc in documentation and settings. It is also capable to perform image conversion, and document presentation.</p> <p>If the user upgrades a project to the 5.6 SP2 version, all changes related to INSO will be performed automatically, no further action is needed.</p> <p><b>Notes</b></p> <ul style="list-style-type: none"> <li>• With the present version of Perceptive Intelligent Capture, the version 11.1 build 1546 of Perceptive Document Filters is integrated.</li> <li>• The only type of CI documents supported by Perceptive Intelligent Capture is PDF for the current release.</li> <li>• The Document Filters component is capable to process PDF created with the following Adobe versions: 1.0 – 1.7 (Extension 3, 5) (Acrobat 1 - 11).</li> <li>• Documents created with PDF Adobe LiveCycle are not supported.</li> <li>• [Cairo CIDoc] and [Non-image Documents Processing] need to be present in the license to process CI documents.</li> <li>• If 'Convert to TIFF' is used in project settings, the resolution will always be 300x300. This will override the resolution settings from the project.</li> <li>• Runtime Server settings: The page restriction functionality for multipage documents does not apply for CI documents. OCR will be performed on all pages.</li> <li>• Runtime Server settings: Lightweight OCR is no longer applicable for CI documents. The check box should always be cleared to perform OCR. If enabled, OCR will not be performed on the text.</li> <li>• The rotate option in the Verifier applications is not available for CI documents.</li> </ul> <p><b>Instructions</b></p> <ul style="list-style-type: none"> <li>• Runtime Server settings: To establish Perceptive Document Filters as the conversion component for PDFs, you need to enable the <b>CI documents</b> check box or activate the <b>Automatic mode</b> on the <b>Import</b> tab. Otherwise, Accusoft</li> </ul>

ID	Affected Feature / Engine	Description
		<p>converts the PDFs.</p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>For better memory management, the batch structure should be set to '1 folder per document' as memory is released after each folder processing.</li> <li>If a PDF has custom fonts, then you should select <b>PDF conversion to TIFF</b> in project settings. The TIFF contains a correct representation of the text in most cases.</li> <li>If the project is not a DFI or PICI project, there may be issues with date separators and other separators. We recommend converting to TIFF files for dates to OCR correctly or use Advance line analysis (Beta) for line extraction in project settings. Note that Advanced line analysis does not work yet with the correct table feature.</li> </ul>

## Updates

ID	Support #	Affected Feature / Engine	Description
ALM 13065	1015250	Batch processing	Resolved an issue that could cause an error when users opened a batch with encryption enabled in the configuration files. PIC logged the error message "Cannot load BLOB size -1. ---> Login failed for user 'db username.'"
ALM 12994		PDF conversion	Previously, for certain types of PDF, the resulting images from a conversion to TIFF files could vary enough that subsequent OCR results were affected. Now, PIC converts PDFs of this type correctly using Perceptive Document Filters.
ALM 12821	770830	PDF conversion	Previously, some PDFs were converted to TIFF files with overlapping items. Now PDFs are converted correctly using Perceptive Document Filters.
ALM 12766 ALM 12416	710775 626968	PDF Import	Resolved an issue that could allow certain PDF documents to hang the Runtime Server module while importing.
ALM 12761	698696	PDF conversion	Conversion of color PDFs to black-and-white TIFFs has been improved with Perceptive Document Filters. This also improves the electronic OCR results of these files.

ID	Support #	Affected Feature / Engine	Description
ALM 12758	731170	OCR of PDF	Resolved an issue that could prevent text in electronic PDFs from being correctly OCR processed.
ALM 12723	709144	PDF import	Previously, when users tried to import certain documents in Designer, the displayed document could differ from the document in the Import folder. Adobe Reader and Designer could show different invoices during conversion from PDF to TIFF. These issues have been resolved.
ALM 12552	652361	PDF import	For better memory management, the batch structure should be set to '1 folder per document' as memory is released after each folder processing. Using 1 folder per batch does not release memory on purpose. You could also use the restart after X option to release memory. In this release, with Perceptive Document Filters, all documents could be imported with conversion to TIFF enabled with a 1 folder per document structure.
ALM 12374	582476	PDF conversion	Resolved an issue that could cause PIC to crop some PDFs during import.
ALM 12331 ALM 12330	547414	PDF conversion	Resolved an issue that could affect the quality of TIFF outputs after conversion from color PDF documents.
ALM 12328 ALM 6525 ALM 6524 ALM 6424	574822 15093-22021 15093-22021 105093-21457	PDF conversion	Resolved an issue that could cause certain PDF files converted to TIFF to appear with black areas instead of text.
ALM 11973	458250	PDF conversion	Resolved an issue that could cause PIC to duplicate words on each line when converting electronic PDFs without using TIFF conversion.
ALM 11534	PS0169, 15093-28909	PDF conversion	Resolved issues that could cause PDF files converted to TIFF images to appear with X square symbols on the converted image.

ID	Support #	Affected Feature / Engine	Description
ALM 11118 ALM 10786 ALM 7383 ALM 7148 ALM 6526 ALM 6363 ALM 5408	15093-28545 15093-27444, PS0169 15093-30474, PS0097 15093-23084 15093-22021, 463288 15093-21741, 15093-19008, 15093-21713 BW03599	PDF conversion	Resolved an issue that could affect the quality of colored and gray-scaled documents after being converted to black-and-white TIFF.
ALM 11038	15093-28358, PS0169, 453786	PDF conversion	Resolved an issue that caused x-square symbols to appear on converted images after conversion of a PDF document to a TIFF image.
ALM 11024 ALM 10491	15093-28086 15093 - 25733	PDF conversion	Resolved an issue that could cause PDFs to be moved to the bad image folder while importing with TIFF conversion.
ALM 10993	15093-28187, PS0169	PDF conversion	Resolved an issue that could cause PDFs with custom fonts to convert incorrectly to TIFF.
ALM 10989	15093-28187	PDF conversion	Resolved an issue that could cause PDFs converted to TIFFs to have spacing errors.
ALM 10551	15093-30474	PDF conversion	Resolved an issue that could cause only logos to display when PDFs were converted to TIFFs.

ID	Support #	Affected Feature / Engine	Description
ALM 10494 ALM 10023 ALM 5409	15093-22021 , 15093 – 25733  15093-24527, PS1065, 452960  PS0169, 15093-30474	PDF conversion	Resolved an issue that could cause the conversion of PDF documents to result in a white image.
ALM 10422	15093 - 25633	Web Verifier	Previously, when users opened a PDF document in Web Verifier, certain PDFs would return the error 'INSO: The file is Corrupted'. This has now been corrected using Perceptive Document Filters.  The best quality is still achieved by converting to TIFF and with the Display format RTS settings turned on.
ALM 10420	15093 - 25733	PDF conversion	Resolved an issue that could cause a gray area to display when documents were converted to TIFF.
ALM 10406 ALM 7267	15093-25733	Web Verifier	CI-PDF files can now be opened in Web Verifier without requiring conversion to TIFF format.
ALM 6288	21506	PDF conversion	Resolved an issue that could cause the first page of some PDFs to be lost when converting to TIFF.
ALM 5834	BW04861	OCR	Resolved an issue that could cause the OCR process on certain types of PDF documents to last about 2 hours, to fail very often resulting in an 'Out Of Memory' error. The documents now OCR in about 15 minutes. If an 'Out of Memory' error is caught, the Runtime Server restarts, and the OCR process completes successfully.
ALM 5406	BW03709, PS0169 , 502716	PDF conversion	Resolved an issue that could cause the conversion of PDF documents to result in a black image.
ALM 4786	BW03347	PDF conversion	Resolved an issue that could cause a memory leak if using the system to convert a significant number of PDFs to TIFFs.

## PIC 5.6 release (November 2014)

The initial release of PIC 5.6 included the following enhancements and updates.

### Enhancements

#### General & Perceptive Intelligent Capture Designer

ID	Affected Feature / Engine	Description
	OCR Engine	<p>The FineReader11 engine is now fully integrated into the product. The FineReader 11 engine features a number of general improvements in the quality of OCR output relative to the FineReader 10 engine:</p> <ul style="list-style-type: none"> <li>• Receipt Mode,</li> <li>• improved auto-orientation,</li> <li>• improved OCR of amounts with leading/trailing asterisks,</li> <li>• improved OCR of amount with leading dollar sign \$.</li> </ul>
US14224 US26938	ASE Engine	<p>The Associative Search Engine (ASE) has been enhanced and is now able, in addition to the first page, to perform full search/extraction on subsequent as well as last pages of a document.</p> <p>The settings on the Advanced tab of the ASE engine configuration have been rephrased and regrouped to better reflect the actual engine operations and evaluation steps.</p> <p>Existing projects will function with no change.</p>
	Compatibility	Perceptive Intelligent Capture Web Verifier is certified to with Internet Explorer 9.

ID	Affected Feature / Engine	Description
US31959 US34204	Database	<p>The Database has undergone performance optimizations. In general, multiple new indexes have been introduced to improve the overall performance, especially for filtering queries using LIKE statements, e.g. queries for batch name or external batch ID.</p> <p>Furthermore, result database queries have been modified and reconstructed for better performance with complex filtering, sorting and group security definitions.</p> <p>The changes involve the following:</p> <ul style="list-style-type: none"> <li>• Function "UserHasAdministratorRole"</li> <li>• Storage procedure "sp_tmp_GetBatchesExtSqlQuery"</li> <li>• Storage procedure "sp_getBatchesExt"</li> <li>• Storage procedure "sp_getBatchesExtPageCount"</li> <li>• Storage procedure "sp_tmp_AnalyzeFilter"</li> <li>• Storage procedure "sp_getBatchesInfo"</li> </ul>

## Perceptive Intelligent Capture Installation

ID	Affected Feature / Engine	Description
	Setup	<p>The setup allows for the presentation of an End-User License Agreement (EULA). The EULA screen has been introduced for all Perceptive installations, also for the Repair and Modify modes as well as for silent installation. For the silent installation, user action is required to modify the silent install.ini file. Please check the Install Guide for details.</p>

## Perceptive Intelligent Capture Verifier

ID	Affected Feature / Engine	Description
US34146	Table Correction	<p>It is now possible to drag a rubber-band area around the document, and the Verifier document viewer will auto-scroll to the area outside the visible range. This is particularly useful for table column mapping when drawing an area across a document page.</p>
	Table Correction	<p>A new menu option <i>Replace Column Table Data</i> is available. This is very comfortable when at least one column has been extracted by 100 %, and other table columns contain random values. With this option, the column data can be added block wise, overwriting the previously extracted entries.</p>

ID	Affected Feature / Engine	Description
	Exception Handling	<p>A new option has been implemented to change the scope of the 'Move to Exception' command. If the checkmark is set, the entire batch will be moved to required exception state as soon as one of its documents is moved to exception.</p> <p>This feature can be used in situations where information within 1 batch is related, and it is required to place the entire batch into exception.</p> <p>For example, in an Application Loans solution, the contents of a single batch can contain application forms, quotations, insurance documentation, salary certificates, etc. If the batch is missing key information, such as one supporting page of the application form, then the entire batch should be placed into an exception.</p> <p>The feature supports the following</p> <ul style="list-style-type: none"> <li>• Ability to place all documents into a batch using a single click operation.</li> <li>• Ability to switch modes between single document exception versus an entire batch</li> <li>• Ability to configure defaults for users on which mode users should use (DVS file)</li> <li>• Ability to turn on/off the ability to toggle between Batch/Document exception modes.</li> </ul>



ID	Affected Feature / Engine	Description
ALM 3083	Page Verification	<ol style="list-style-type: none"> <li>1. The new page order in the TreeDocument is implemented: <ul style="list-style-type: none"> <li>• In a single-page mode - selected page is shown as before.</li> <li>• In the two-page mode (vertical/horizontal), selected page is on the right (or bottom) side (second image) and the first image shows the previous page of the current document OR the last page of the previous document.</li> <li>• In the three-page mode, selected page is in the middle (second image), the first image shows the previous page of the current document OR the last page of the previous document and the 3rd image shows the next page OR the first page of the next document.</li> </ul> </li> <li>2. Preview image for the currently selected page has the same dark gray background, while for the other pages (in two or three page view mode); it is a bit lighter gray color. (To see better which image corresponds to the selected page)</li> <li>3. Toolbar with 1-2 or 3 "page view mode" is always enabled now (so ALM 10818 is rejected per new design).</li> </ol>

## Perceptive Intelligent Capture Web Verifier

ID	Affected Feature / Engine	Description
	Authentication	<p>Web Verifier has been enhanced to support Single Sign On (SSO) user authentication. The SSO implementation will intercept user's login request and either gather the user credentials and authenticate the user, or accept the user as already authenticated.</p> <p>The SSO functionality is implemented as a generic solution to work with any SSO implementations and configurations that provide the user credential information via the HTTP header.</p>
	Performance	<p>The performance in page loading in the document viewer has been improved.</p>
	Exception Handling	<p>A new option has been implemented to change the scope of the 'Move to Exception' command. If the checkmark is set, the entire batch will be moved to required exception state as soon as one of its documents is moved to exception.</p> <p>This feature can be used in situations where information within 1 batch is related, and it is required to place the entire batch into exception.</p> <p>For example, in an Application Loans solution, the contents of a single batch can contain application forms, quotations, insurance documentation, salary certificates, etc. If the batch is missing key information, such as one supporting page of the application form, then the entire batch should be placed into an exception.</p> <p>The feature supports the following</p> <ul style="list-style-type: none"> <li>• Ability to place all documents into a batch using a single click operation.</li> <li>• Ability to switch modes between single document exception versus an entire batch</li> <li>• Ability to configure defaults for users on which mode users should use (DVS file)</li> <li>• Ability to turn on/off the ability to toggle between Batch/Document exception modes.</li> </ul>
	Compatibility	<p>Perceptive Intelligent Capture Web Verifier is certified with Internet Explorer 9.</p>
ALM 6075	Field Settings	<p>On Designer, it is possible to define a list of suppliers as a list item in definition mode when the user checks the field validation option "Fill list of suppliers". When this option was configured within a project file, the Web Verifier application failed to show the list of supplied for the field.</p> <p>This behavior has been corrected in the current release.</p>

## Perceptive Intelligent Capture Tools

ID	Affected Feature / Engine	Description
US25350	Cairo Image Project	<p>It is now possible to append text to images by use of the Cairo image default interface, e.g. via Perceptive Intelligent Capture scripting.</p> <p>Two new methods have been implemented:</p> <ul style="list-style-type: none"> <li>AddInformation (string parameter1, string parameter2)</li> <li>SaveInformationToFile (string filename, CROImgFileTypes filetype, long pages)</li> </ul>
	Project Viewer	The Project Viewer utility has been removed from the product.

## Updates

### Perceptive Intelligent Capture Designer and Database

ID	Support #	Affected Feature / Engine	Description
ALM 12727	00700118	Tables	<p>It was noted that a Designer crash could occur when a user double clicked on the document after validating a table cell by pressing 'ENTER' key in Verifier Test mode.</p> <p>It was also noted that after the user pressed the ENTER key in the table cell, the cursor focus selection was lost but blue arrow was displayed at the first row of the second table field on verification form.</p>
ALM 12671		Normal Train Mode	In Normal train mode when the user tried to navigate pages in a multi-page image, using the toolbar icons, the rubber band was seen on all the pages of the document.
ALM 12669		Verification	It was observed that Designer could terminate when a user opened a batch after they switched from 'Run time mode' to 'Verifier train mode' and validated the fields quickly.
ALM 12646		Normal Train Mode	An unwanted rubber band in the document area of Normal train mode was displayed when extracting fields and a click on the first field was applied. No unwanted rubber band is displayed anymore.

ID	Support #	Affected Feature / Engine	Description
ALM 12632		Document Input Mode	<p>When the user created a new database job whilst a batch was opened in the Document Tree Mode, after closing the Project Settings dialog box, the batch list was correctly cleared, however the document last opened was still displaying.</p> <p>The correct behavior should have been that the batch list and document viewer would have cleared with new database job creation/selection.</p>
ALM 12627	652399	Brainware Toolkit	<p>While classifying a large document with over 200 pages, the Runtime Server instance could terminate abruptly. Crash logs could be seen showing that there was a problem in Brainware ASE Pool V3.</p> <p>When attempting to process the same document in the Designer application, the application hanged.</p> <p>The erroneous behavior was caused due to the amount of text OCR data that was passed to the Brainware ASE Engine; the project was configured to send OCR data for all pages to the engine.</p> <p>A workaround was possible, to Enable the "Evaluate candidates on first page only" in the advanced tab properties of the ASE field.</p> <p>The engine has been corrected to better handle large OCR data.</p>
ALM 12606		Authentication	<p>When a user opened a project file in Designer and pressed the Cancel Button on the logon credential screen, an error message was returned to the user as below:</p> <pre>Project file could not be loaded! Error Description: Can't unload controls created at design time</pre> <p>The correct behavior should have been that the application recognised the cancel and left the user in a default screen, e.g. New Project.</p>
ALM 12580		Learnsets	<p>The Designer application has been improved to ensure Incremental Learning is enabled. This ensures that the Learnset is optimized for Learnset Changes only, which improves performance of the Learn operation.</p> <p>For migration, the incremental learning settings have to be disabled when the Learnset is relearned in the new version of the software.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12550	623487	Brainware Toolkit V3	<p>In some rare instances, when performing a pool update in Version 3 of the Brainware Toolkit, it was possible that the update could hang in Designer or Runtime Server.</p> <p>This behavior has been corrected in the current release.</p>
ALM 12492		Phrase Classification	<p>When the user entered a space at the start or end of the phrase in Edit window, the extra spaces were retained after saving.</p> <p>The same cleaning that is applied to phrases entered in the New Phrase input box should have been applied to the values modified in the Edit window (i.e. the removal of leading and trailing spaces).</p>
ALM 12490		Phrase Classification	<p>When the user selected a phrase, opened the Edit window, and then added a leading or trailing Asterisk (*) to the Active phrase, the Asterisk was retained.</p> <p>Whereas if the user added a leading or trailing wild card Asterisk (*) in a New Phrase input box, the Asterisk was considered redundant and was removed.</p> <p>The correct behavior was that the Edit Phrase dialog box should have removed the leading/trailing Asterisks.</p>
ALM 12488		Phrase Classification	<p>When the user configured a project with a single word in a phrase, if this word matched more than one word in the document (e.g. by the use of wildcard characters), only the last of these words in the document was highlighted. This could be confusing to the user.</p> <p>As examples, when the Asterisk(*) was used in phrases as wild card in Phrase Classification Engine, a number of issues were seen:</p> <ol style="list-style-type: none"> <li>1. When a phrase with (Ad*ec) is added, at the bottom, a candidate is selected which is not relevant.</li> <li>2. When a phrase was entered with *(07*04) for Dates, highlighting was not correct.</li> <li>3. When a phrase was entered with *(86*7), highlighting for the amount was showing incorrect candidates.</li> </ol> <p>The behavior has been corrected and is now more consistent in highlighting and behavior.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12481		Generic Table Extraction	<p>When using the new Advanced Line Analysis setting, it was noted that this had no effect on table lines and was ignored in favor of the Brainware Line Analysis.</p> <p>This has been corrected in this release, and the table engine will use the selected line analysis in the project file.</p>
ALM 12448		Phrase Classification Engine	<p>When defining Phrases, a space is interpreted as a 'word' separator; the Phrase Engine handles each 'word' separately. When entering double-byte characters (e.g. Chinese, Japanese or Korean characters), a single space between characters would be ignored, i.e. all characters would be treated as a single 'word'; only by adding two spaces between characters could separate 'words' be defined. A single space is now sufficient to indicate word separation.</p>
ALM 12445		Tables	<p>In Designer Normal Train mode, it was noted that the 'Page Navigation' icons were incorrectly enabled when focus was on a Table field for a single page document. The page navigation icons were displayed correctly when focus was on text field. This issue was seen only in Normal Train mode, it displayed correctly in other modes in Designer.</p>
ALM 12433		Tables	<p>In Designer Normal Train Mode, once a user selected a table field, when the focus moved to any other field the document lines were highlighted in gray.</p> <p>The status bar also showed that the table field was selected, even though the selection was on another field.</p> <p>This behavior has been corrected so that line training highlighting is not shown on non-table fields.</p>
ALM 12423		Training	<p>During training, it was noted that a rubber band action was performed incorrectly during training of fields in 'Normal Train mode', in particular with the option 'Highlight Words' selected.</p> <p>When the user selected an OCR'd word in "Highlight Words", Normal Train Mode, the rubber band issue was noted after the user clicked on the 'Yes' or 'No' button available on the 'Add Candidate' confirmation dialog box.</p>
ALM 12366		Training	<p>When performing training on fields, it was noticed that an error message was shown, 'Index out of Range', while extracting data to a text field.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12357		Analysis	<p>On certain Excel documents and a project using the standard Table Analysis engine, when the user attempted to analyse the document in Designer, the application hanged with no errors/information in the log files. The issue could be repeated consistently with the same document and project.</p> <p>When this issue occurred, the Designer application had to be closed via the Task Manager.</p> <p>The issue was occurring due to the table field not initializing correctly, this has been corrected in this release.</p>
ALM 12339		Document Preview	<p>When the user switched from one Database job to another job, it was observed that the last document selected in the original job was displayed to the user after changing to the new job.</p> <p>The behavior has been corrected so that changing Database jobs clear the document preview pane until another batch/document selection is made.</p>
ALM 12287		Training	<p>When navigating between documents in Normal Train mode, the user sometimes received errors that the Verification form was missing:</p> <p style="background-color: #f0f0f0; padding: 5px;">"Learning of the selected Brainware Extraction field cannot be performed, because there is no verification form defined for this class or no verification field for the selected Brainware Table Extraction field. In order to continue learning please at least one verification form / verification field for the selected Brainware Table Extraction field for the selected class or for any of its parent classes."</p> <p>The error was not correct as the verification form existed for the class with a table control.</p> <p>The error was raised as the currently selected document was previously classified to another class with no table field, and during training of the document to a different class the error was raised as the document did not contain a table field.</p> <p>The behavior has been altered so that when the document is loaded for training of Class A, if it was previously analysed against another class, the document would be re-analysed to recreate the fields.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12281		Tables	<p>When working in Designer or Verifier, the Previous Page navigation icon was incorrectly disabled when the table rows were deleted for a multipage document. This occurred when the engine or custom script extracted line items from Page 2 (or subsequent pages), and the user deleted all extracted rows in the table.</p> <p>After deletion of all the table lines, the display page was not correctly and the page buttons were not updated. This has been corrected in this release.</p>
ALM 12268		Document Navigation	<p>In Designer Verifier Test Mode, when the user navigated between documents quickly several times within a batch (containing 2 or more documents), the Error Message below was seen:</p> <pre>"Failed to load document, because: Automation error The object invoked has disconnected from its clients."</pre> <p>After pressing OK, Designer may crash anytime while doing any further operation.</p>
ALM 12175		Verifier Design Mode	<p>After the Verifier form layout was modified and the user attempted to close Designer, there was no prompt asking the user to save the modifications. This meant that the user would lose changes made.</p> <p>This has been corrected.</p>
ALM 12161		Cut/Append	<p>When the user attempted to split a multipage document in Designer, an error message popup was returned "Object doesn't support this action". After this operation, the user received a busy cursor mouse icon that represents "wait on action to terminate", this would remain indefinitely.</p> <p>The split operation has been removed from Designer and remains a Verifier/Web Verifier activity.</p>
ALM 12095		Tables	<p>When using the Correct Tables feature, where the Brainware Table Extraction engine was configured with the 'Primary lines extraction &gt; Minimal threshold' table setting greater than 65%, and any learned line was unlearned, it was no longer possible to learn additional lines after the unlearn operation.</p> <p>To continue with the table training, the user had to deactivate and then reactivate the Correct Tables function.</p>



ID	Support #	Affected Feature / Engine	Description
ALM 12067		User Interface	<p>Three changes have been applied to user interface:</p> <ul style="list-style-type: none"> <li>• Designer - Zone prompt messages were missing title bar, this has been corrected.</li> <li>• Designer - Verifier Form Design action dialog box, some prompts were missing an icon from the message boxes.</li> <li>• Runtime Server - Changing multiple batches, the confirmation message boxes did not have a ? at the end of the question.</li> </ul>
ALM 12043	487863	Users and Groups	<p>When working in Web Verifier, the Database User column PrimaryUserGroupId was used to create/identify group settings. This value was created when the user was exported for the first time from the project file. If the group was changed later and the user was re-exported, the original value remained and the new group did not update.</p> <p>The PrimaryUserGroupId should have changed to the first group ID from the "Assigned Groups" in the project Users and Groups settings after exporting. This would have allowed Web Verifier users without the SET role to have their configuration changed easily by the administrators.</p> <p>The behavior has been corrected so that this is always updated on Designer Users and Groups export to always update the first group in the list of groups into the Database.</p>
ALM 12032		Document Preview	<p>For documents in which the pages within a single document were sized differently, if the rubber band tool was used on a table line and then the user navigated back and forth between pages, the display position of the rubber band region may have been incorrectly shifted.</p>
ALM 12029		Field Candidates	<p>In Designer Verifier Test Mode, with 'Keep Focus on Field' enabled, the correct candidate was not shown when a field was selected for the first time. The user had to select twice on the field to make the candidate highlighting available. The issue was seen for both field and table columns.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12028		Tables	<p>When the user worked with the Show Table dialog, it was noted that for a table containing many columns (e.g. 20+), the dialog box did not display or access the rightmost columns within the 'Show Table Contents' window when the user navigated using the horizontal scrollbar.</p> <p>The last columns were not shown in the 'Show Table Content' window.</p>
ALM 11949		Verifier Test Mode	<p>In some cases the application got frozen when verifying a document that was not opened by the application. This was possible when opening a batch, navigating to the Verifier Test Mode, closing the batch, then returning to Verifier Test Mode.</p> <p>The behavior has been corrected so that the document area is correctly cleared when the batch is closed.</p>
ALM 11948		Verification	<p>When verifying fields in Verifier Test Mode, it was noted that for each document verified, the GDI count went up by 15-30. Typically, the documents are not verified in Designer, except for testing purposes.</p> <p>This issue was not seen in Verifier Thick Client when repeating the same actions and data, it was only observed in Designer.</p>
ALM 11947		Verification	<p>When selecting 3 lines of data on the document into a multiline field, it was noted that the verification of the 3 lines data was not always behaving correctly.</p> <p>One such example was when the user selected an area of 3 lines, then deleted the lines and tried to type the data in the field manually, the application automatically auto-populated all 3 lines once more plus the first line manually entered, causing duplication of data.</p> <p>The behavior has been corrected.</p>
ALM 11942	472255	Training	<p>After renaming a table field, when attempting to train the Learn Set for extraction, an error was thrown to the user stating that there is no table on the verification form.</p> <p>The error was raised due to the table field and verification form field being out of synch due to the rename action. As a workaround, the user had to manually remove the table field from the verification form and re-add it.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11922		Brainware Fields Extraction	<p>When using the Triton engine (Brainware Fields Extraction), it was noted that any OCR result which contained a Pound/Hash (#) character was being interpreted by the Triton engine as a text string word 'number'.</p> <p>This behavior has been corrected in the current release.</p>
ALM 11903		Brainware Fields Extraction	<p>When using the Brainware Fields Extraction engine, it was noted that correctly OCR'd candidates that did not belong to the field, were altered so that they matched the field requirement.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>• Selecting the Amount field, all candidates were shown</li> <li>• Some candidates that did not belong to the desired field format were also shown and adapted to match the requirement</li> <li>• One such example was a Date on the document which was OCR'd as 12 / 30 / 11 - this candidate was transformed into an amount candidate of 12031.12.</li> </ul>
ALM 11902		Definition Mode	<p>When analyzing a document in Designer Definition Mode, after the analysis completes, when the user clicked inside the first field in the class, the blue highlighting triangle depicting current field focus disappeared.</p> <p>This only happened for the first field in the class, and only after analysis completed.</p>
ALM 11877		Smart Indexing	<p>The Designer Application could close abruptly when the user enabled smart indexing for any field, then switched to 'Verifier Test Mode' selecting the same field and pressed 'ALT+F12' key.</p> <p>This behavior has been corrected in the current release.</p>
ALM 11854		Settings	<p>In the Project Properties pane, the opening text in the Supervised Learning tab displayed:</p> <p><code>"If Template Classification and Supplier Extraction have..."</code></p> <p>The Template Classification engine was no longer available in the product and the text should have been replaced by the Brainware Layout Classification.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11849		Licensing	<p>The Designer application displayed an unnecessary error when the user clicked 'Ok' on the Distiller licensing error.</p> <p>When the time stamp on the license file had expired, if the user analyzed a document in Designer, a correct licensing error message was shown. After clicking 'Ok' on the error message a new error was shown as "Method of object failed".</p> <p>The Method of Object failed error has been corrected and will no longer appear after the licensing error.</p>
ALM 11822		User Interface	<p>When the user attempted to sort any of the columns in the batch list, it was noticed that the sorting icon was displaying for each of the column.</p> <p>The correct behavior should have been that the icon sort order would display for the selected user column.</p>
ALM 11811		Authentication	<p>When the user launched a project and logged in as an Administrator user that did not exist in the database, the Designer application could go into a hanged state.</p> <p>As a workaround the user had to launch Designer and load the project file from the menu option "Load Project.." or Export the Administrator user to the database (using the Export Users to Database function).</p>
ALM 11810		Users, Groups and Roles	<p>When configuring users and groups in Designer, when the user entered the location of a file within the Common folder input box, if the user then attempted to select the Open Folder dialog box, the Designer application would hang.</p> <p>This has been corrected in this release, and the user should now be shown the Open Folder dialog box with the specified location.</p>
ALM 11809		Users, Groups and Roles	<p>When configuring users and groups in Designer, if the user selected to browse to a Local project file, the user received an error "The folder " not found".</p> <p>After selecting OK to the message box, the open file dialog box displayed and allowed the user to select a file.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11782		Tables	<p>When the user navigated to 'Normal Train mode' and selected a table field, when they returned to the 'Document Input Selection' mode, it was noticed that the document was displaying with lines highlighted for table correction. Whilst this was occurring, the user was able to perform table correction actions in Document input selection mode which was incorrect behavior.</p> <p>The correct behavior should have been that the line highlighting mode should have been turned off after the user navigated to Document Input Selection.</p>
ALM 11780		Tables	<p>When the user copied the document content to a table cell then performed the 'Clear Location Assignment', it was noticed that the table cell width changed and sometimes merged with the next column cell.</p>
ALM 11757		Tables	<p>When the user switched to the 'Validation' tab for the first time it was noticed that the field type for the Table columns were shown as 'n/a'. However, when the user switched to the Analysis tab and returned to the Validation tab it was noted that the field type for the table columns were changed to 'Text'.</p>
ALM 11744		Import	<p>When the user created a new project and started to configure it, a prompt was shown to the user which contained some grammatical errors.</p> <p>Message read: "You do not have specified your project name! Please save the project first."</p> <p>The message has been corrected.</p>
ALM 11739		Verifier Form	<p>When the user opened a project and switched to 'Verifier Test mode', if they then tried to load another project from this mode, it was noticed that an error message was shown: 'Error occurred while trying to access file attribute'.</p> <p>The verification form from the previous project continued to display to the user which was incorrect.</p> <p>Now when the project is loaded the user will be navigated to the Document Selection Mode.</p>
ALM 11738		Learnset	<p>In 'Normal Train mode', when the user selected the 'Highlight Words' option and tried to add a document to the Learnset, it was noticed that the last document was displayed with incorrect color scheme for word highlighting.</p>
ALM 11696		Lura Document (Support has been EOled)	<p>Support for the Lura Document format has reached End of life.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11677		User Interface	<p>When a user has not enabled the option 'Use Database as documents and statistics sources', the 'Select Job' option was enabled incorrectly and the user was able to click on the list box.</p> <p>The correct behavior was for the drop down to be inactive until the 'Use database...' option was activated.</p>
ALM 11663		Zones	<p>When the user configured a Zone to capture information which runs vertically on the page, with auto orientation enabled for the zone, the zone area was incorrectly set when looking at extracted result in Verifier Test Mode.</p> <p>In addition, the positional information that displayed in the Field viewer was also incorrect and did not reflect the orientation change done during OCR.</p> <p>The correct behavior should have been that the zone/highlighting should have reflected based on the area on the document that was OCR'd, and that the image area should have shown the correct document snippet area after orientation.</p>
ALM 11651		Smart Indexing	<p>When the user switched to 'Verifier Design mode' and selected the 'Rechnungen' class, the user received 'Change Caption' dialog box and a blank verification form was shown.</p> <p>This has been corrected so that the verification form would be shown with no errors.</p>
ALM 11623		User Interface	<p>When the user viewed the table field settings in Definition Mode, it was noted that the column required check box setting was hidden in the Analysis Table Column options. For the user to see the setting, the user had to drag the column border for "Invalid if empty" and the option would appear.</p> <p>The correct behavior should have been that all options for table columns should be visible and available for selection.</p>
ALM 11582		Usability	<p>The "Shift+Ins" shortcut key used to add a new field in Designer definition mode was copying the content of the clipboard into the previous field before to show the "Add Field" dialog box. This has been corrected.</p>
ALM 11562		User Interface	<p>When the user cancelled the Load Project dialog box in Designer, an error message was shown 'An error occurred! Error number: 0 Source: Brainware Distiller'. This is noticed when the user selected to navigate to 'Definition mode' via icon when the Load Project dialog box was open.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11560		Image Size Classification	<p>When the user worked with the Image Size classification engine and accidentally entered a non-numeric value into custom size width/height boxes, a couple of issues were noted:</p> <ul style="list-style-type: none"> <li>• If the user tried to save the project, a warning message 'Only numeric values are allowed' was appearing twice.</li> <li>• If the user clicked on 'Ok' button in the 'Only numeric values are allowed' warning dialog box, the assigned engine was deselected.</li> </ul> <p>The correct behavior should have been that only one warning message was shown and the engine would not deselect.</p>
ALM 11555		Multipage Detection	<p>When the user worked with the Multipage detection and tolerance values, two issues were noticed:</p> <ul style="list-style-type: none"> <li>• The user was allowed to edit or modify the tolerance list box values.</li> <li>• The user was allowed to enter values which exceeded the maximum limit in the Tolerance list box</li> </ul>
ALM 11535		Classification	<p>When the user created a new derived class and assigned it to the 'Brainware Classify' engine, it was observed that the 'Engine State' was displayed as 'learned'.</p> <p>The correct behavior should have been that the state was shown as not learned as the classification engine was not yet trained.</p>
ALM 11421	456949, 29933	Document Removal	<p>When the user attempted to remove a document from a database batch, the application removed the next document instead of the currently selected document. In addition, the currently selected document was renamed to have the same name as the deleted document.</p> <p>The issue occurred for database batches and did not occur for File System based batches.</p> <p>The correct behavior should have been that the user selected document should have been removed and none of the remaining documents should have been renamed.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11410		Runtime Mode	<p>When the user processed documents in Runtime Mode with the "Redo OCR on document", it was observed that under certain condition, the OCR would be completely cleared from the document.</p> <p>This occurred when the document failed to classify.</p> <p>The correct behavior should have been that the document should have re-OCR'd without losing the OCR content.</p>
ALM 11361	29647	Security	<p>The algorithm for the removing of the roles in Designer was changed, only the role which is explicitly removed is removed.</p>
ALM 11273		User Interface	<p>When the user worked in Definition Mode, if they selected a class and navigated to Document Class tab Properties, the entire class list was refreshed expanding all class nodes. This could be inconvenient for the user if other classes had many child nodes.</p> <p>The correct behavior should have been that only the selected class node should have been refreshed and expanded. This has been corrected in the current release.</p>
ALM 11202		User Interface	<p>When a user was viewing the last page of a multipage document, when they navigated to Verifier Test Mode, the page navigation icons were not refreshed. The first page of the document was displayed to the user, but the Go To Previous was activated and the go to Next was disabled.</p> <p>The icons have been corrected to display based on the current page focus.</p>
ALM 11176	15093-27550	User Interface	<p>If the Vendor Name field is set to "Read only table", when the user opened a document with a multiline Vendor Name field in Verifier Test Mode, it was not possible to scroll the multiline field. No scroll bar was available; the cursor could not be set within the field.</p> <p>This has been corrected, and also "read only" fields can be scrolled via vertical scroll bar.</p>
ALM 10960	BW03987 00829089	Classification Extraction	<p>In Definition mode of the Designer application, when analyzing documents, the number of temporarily created sub-directories in the BWE folder exceeded the hard-coded number of 999.</p> <p>This caused the applications to fail showing the error message "Brainware toolkit not installed".</p>



ID	Support #	Affected Feature / Engine	Description
ALM 10820	15093-27389	Zone Creation	If a project with a large number of zones was developed in Designer during a single session, memory issue could arise resulting in Designer crashing. The memory handling issue has been corrected.
ALM 10821		Database	When a user tried to Validate a field in Verifier Test or Train Mode, if the SQL Service was stopped or unavailable, the Designer application could close unexpectedly.  The correct behavior should have been that an error was presented to the user to inform them that the database was unavailable.
ALM 10645			Duplicate defect, please see defect 12161.
ALM 10368		Document splitting	When the user selected 'Yes' in the dialog box to cut the Workdoc at the current position, the first time no cut operation was performed. When the user tried for a second time, the Designer application crashed.  The behavior of the cut operation has been modified, and this defect has been fixed.
ALM 10342	15093-24118	User Interface	When working in Designer validation settings for a field of type List Item, the List items became hidden when the user selected the Always Valid check box. The user should have been able to see the items previously configured as grayed out, not hidden.  When Always Valid is selected, the subsequent options for list items become redundant as the field is always Valid with the check box enabled.
ALM 6769		Project Save	After a user opened a project in Designer, which was already opened in Learn Set Manager by another user, the Designer application correctly displayed a message box stating that another application is modifying the project and changes will not be saved. If the Designer user saved the project file, regardless, some of the changes could still be saved ignoring the lock which was present from Learn Set Manager.
ALM 6655		User Interface	In Designer, when the user created a Database Job, no confirmation dialog was displayed after the job was successfully created.  When the user creates a new Database Job now, a confirmation message box will be displayed.
ALM 6595		Cut and Append	The Append functionality in the Designer application has been removed. The feature continued to be available in the Thick Client.

ID	Support #	Affected Feature / Engine	Description
ALM 4916		Smart Indexing	When smart indexing dialog box was opened in Verifier Design Mode under the "Future settings" the layout overlapped the text "Select smart indexing".  The user interface has been improved.
ALM 3635		Project Settings	It was not possible for the user to save the 'No Threshold' value for the 'Layout Classify Engine'
ALM 3343		Project Settings	The settings in the Verifier Train Mode Tab were not saved when updated when inside the Verifier Train Mode.
ALM 3285	BW02284	Project Settings	When working with the project settings, it was noted that on some resolution screens, when a user selected the target format type to convert documents to during RTS import, you could not see the full description of the target type in some cases.  Previously, the format of the list was in "Description...   File Extension   File Type"  In the current version, the format has been changed to: "File Extension   File Type - Description..."
ALM 3259		Import	On loading of the reference file (Designer Runtime Mode), the file names, classification and the extraction result stored in the reference file were not displayed to the user.
ALM 3228		Usability	After the user loaded an existing project file, if the user then proceeded to create a new project and selected Save, when attempting to load the original project opened in Designer, the application would close down abruptly.  The initialization of the new project has been improved to clear the old project information from memory. Now it will be possible to load the previous project in a new Designer instance.
ALM 2063		Verifier Design Mode	When the user selected the Edit menu and the Properties menu item in Verifier Design Mode, the application could close abruptly when the project name was highlighted.  The Properties menu item has been disabled as it has no valid context in the Verifier Design Mode.
ALM 1873		Verification Form	The "Name" label on the form properties dialog box was missing colons at the end of the text label.

ID	Support #	Affected Feature / Engine	Description
ALM 1343		Candidate Highlighting	When working in Designer Train Mode, it was possible for the user to have candidates on the document highlighted in yellow color. The correct highlighting for candidates should have been dark orange.

## Perceptive Intelligent Capture Verifier

ID	Support #	Affected Feature / Engine	Description
ALM 12861		Verification	When verifying the date field, handling of selected text could cause an application crash.  This has been corrected.
ALM 12852		Document Grouping	The Batch Release prompt came up even if there were further documents to be verified. This was due to conflicting folder and document indexes of documents from different batches.
ALM 12680		User Interface	In Designer when a user opened a batch and navigated to Verifier Test mode, when the user pressed the Up/Down arrow keys to move in a multiline field, some horizontal lines were displayed within that field.
ALM 12621		Document Tree View	When the verifier merged all pages into one document in the Document Tree view mode. When they changed the document filter to show Documents for Extraction, it was noticed that the Page navigation icon was correctly disabled on the icon tool bar. However, the edit box was incorrectly available for the user to use for page navigation.  The correct behavior should have been that a Document Filter selection in the Document Tree View, where there are no documents returned, should have had no page navigation options.
ALM 12620		Cut and Append	We are noticing that when user merged some pages (e.g. 5 pages) and selected page 5 of 5, the page focus was on page 1, but the status bar and tool bar displayed correctly page 5 of 5.  The correct behavior should have been that the page focus was on Page 5 after user selection.
ALM 12597		Manual Verification	An inappropriate behavior of the Backspace key was observed during verification.  This behaviour has been corrected.

ID	Support #	Affected Feature / Engine	Description
ALM 12485		Verification	<p>When using the CTRL+X key for removing an entire text from a field, it was noted that the field viewer did not clear the assignment of document area to the text that was removed from the field.</p> <p>If the same text was highlighted and the DELETE key was used, the Viewer area was correctly cleared.</p> <p>This has been corrected in the current release.</p>
ALM 12406		Document Area	<p>When the user selected the "Two Pages Horizontally" or "Three Pages Horizontally" mode in the Document Tree View, if the user pressed Zoom, it was noted that a vertical line was displayed on the document area.</p> <p>This behavior has been corrected.</p>
ALM 12405		Multi-line Fields	<p>When two or more text lines were mapped from the document area to the text field using the "Align &amp; Copy to Current Field" option, after selecting the "Clear Candidate Assignment" for copied text in document area, it was noted that only the first line was cleared from multi-line text field.</p>
ALM 12350		Tables	<p>When the user selected to use the "Highlight All Fields" highlighting mode, if the user attempted to use the Correct Tables feature further on in verification, the gray line highlighting did not display.</p> <p>As a workaround the user had to select Highlight All Candidates highlighting mode and then use the Correct Tables feature.</p>
ALM 12344	00579961	Supervised Learning Workflow	<p>In Designer -&gt; Users, Groups and Roles settings, when a user was configured with a Local project and KB directory path, the configuration made was not taken into account when that same user logged into the Verifier application.</p> <p>When the Verifier was launched for the configured user, the user's local project and KB directory settings under Supervised learning settings were not taken from the project settings and the error below was seen:</p> <p style="background-color: #f0f0f0;">"Failed to initialize supervised learning workflow."</p> <p>This has been corrected in this release.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12278		Tables	<p>When performing extraction verification on a batch with table fields where no analysis engine was assigned, the Verifier application was closed abruptly.</p> <p>The behavior of the Verifier application has been changed so that now, when the table field is initialized and the table definition has no assigned analysis engine, the columns are set to invisible, the table and field are set to valid.</p>
ALM 12258		Field Snippet Area	<p>When the user with the Verifier settings of Overwrite enabled (in Fields Edit Mode pane), tried to enter data in the enlarged field snippet for any table cell which was empty, the table cell only accepted one character at a time in the snippet.</p> <p>The user had to place focus inside the table cell to type data.</p> <p>This behavior has been corrected</p>
ALM 12255		Verification	<p>When the Verifier user tried to enter input to the snippet via the keyboard it was not accepted. Furthermore, a desynchronisation of the Field Entry through the snippet was observed.</p> <p>This issue was noted when the TAB key was used, and could appear during verification.</p>
ALM 12182		Multi-line Fields	<p>In the Document Tree view, after the user reordered pages, the document state was correctly changed to State 250 (i.e. due for Classification). When the document was classified, the user was redirected to Extraction view (with the settings to perform automatic extraction after classification). On review of the fields in the document, it was observed that the ASE field spanning multi-lines was missing text.</p> <p>After the page reorder, the multi-line field was not cleared correctly which caused a problem further down in processing.</p>
ALM 12169	00503685	Cut/Append	<p>The AppendWorkdoc was correctly appending the current Workdoc data to the previous document, but it was incorrectly appending the image pages. Instead of appending the current image to the previous image, it was repeatedly re-appending the first image.</p> <p>For example, a multi-page Workdoc should have the matching Workdoc data/image layers for each page, but after an append operation, all of the appended images are of the first page only.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12145 Cairo		Region selection ('rubber banding')	If a selected region extended outside the visible portion of the document, any action on the selected region would cause it to be reduced in size to only the portion that is currently visible. This has been fixed, allowing the user to select regions larger than the currently visible portion of the document, e.g. being able to select a long column of values without the need to zoom out.
ALM 12138	00538168	Licensing	<p>When the Verifier Thick Client application terminated users abruptly, it was possible that user licenses were still locked. This meant that it was possible to get licensing errors on the number of licensed users reached after such an incident.</p> <p>The product has now been implemented with a mechanism to check for expired Thick Verifier sessions and remove sessions which are no longer active. The same mechanism used for configuration of Thick Verifier Expiry sessions is used for the session termination approach.</p>
ALM 12107	00496383	Printing	<p>When working with a project containing a verification form with a hidden table (a table field not on the form), when the user attempted to print a document in verification mode with all the printing settings enabled, the application could close abruptly.</p> <p>The problem could occur if the table field contained data but was not displayed on the verification form. A possible workaround was to disable printing of hidden fields.</p>
ALM 12096		Verification	<p>It was possible for the Verifier application to close abruptly when working with a batch processed with differing but similar project files. For example, a batch processed with a table containing 5 columns, but then verified with a similar project where the table control shows as 8 columns.</p> <p>This behavior has been corrected and the application will not terminate.</p> <p>It is recommended that when processing documents in Runtime Server and verifying the same documents, that the same project file is used.</p>
ALM 12057		User Interface	The Undo menu option in Verifier was incorrectly labelled. When users selected the Undo menu option (or CTRL+Z), all changes made on the current document were discarded. The menu has been relabelled to correctly state that it will discard all changes to the document.

ID	Support #	Affected Feature / Engine	Description
ALM 11996		User Interface	<p>When launching the batch filter dialog, it was noticed that using the TAB key, the focus moved correctly to the column names and logical conditions pane, but no highlighting was present.</p> <p>The correct behavior should have been that each pane should have a default highlighting on the first item in the list.</p>
ALM 11967		User Interface	<p>When working in the batch list, the status bar could show 'Filter Condition: null' when the user had not applied any filtering conditions.</p>
ALM 11963		Verification	<p>When a user opened a multi-page document and validated any field in the first page of the document, if they then navigated to the next page and placed the focus in the field verified from first page, then the application redirects the user to first page. This behavior was noticed when the 'Keep focus on field' option is disabled as well enabled.</p> <p>The correct behavior with the "Keep focus on field" disabled was that the focus should not have redirected the user to the first page, but left the user in the current page of the document.</p>
ALM 11956		Verification	<p>When deleting the contents of an extracted field value using the DEL key (not BACKSPACE), the form field and snippet were not synchronized correctly.</p> <p>The behavior has been corrected in the current release.</p>
ALM 11955		Verification	<p>In some instances, when placing focus very close to the front of the field on the verification form, the focus was always moved to the field, but the Magnification Snippet and form field focus icon remained on the previous selected field.</p>
ALM 11954		Verification	<p>When the user pressed the TAB key within the Field Magnification Snippet, the focus was incorrectly changed to the form field, whereas it should have remained within the Field Magnification Snippet moving to the next verification field.</p> <p>The behavior has been corrected, and the focus will remain in the Field Magnification Snippet on TAB press, with the next invalid field presented.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11953		Verification	<p>When the user pressed the SHIFT+TAB keys within the Field Magnification Snippet or the form field, there were inconsistencies in the behavior of the application.</p> <ul style="list-style-type: none"> <li>Form Field - the user was navigated to the PREVIOUS field.</li> <li>Field Magnification Snippet - the user was navigated to 2-3 fields prior to current one.</li> </ul> <p>This behavior occurred on and off with some of the projects.</p> <p>The correct behavior of using SHIFT+TAB was for the user to be navigated to the previous verification field, whilst TAB by itself would have navigated the user to the next verification field.</p> <p>The application has been corrected to be consistent on the verification form field and the magnification snippet.</p>
ALM 11952		Verification	<p>When the user pressed the TAB key within the Field Magnification Snippet or the form field, there were inconsistencies in the behavior of the application.</p> <ul style="list-style-type: none"> <li>Form Field - the user was navigated to the NEXT field</li> <li>Field Magnification Snippet - the user was navigated to the PREVIOUS field</li> </ul> <p>This issue did not appear for all projects, or all fields on the verification form, but could appear to some verifier form fields.</p> <p>The behavior has been corrected so that the single TAB press will take the user to the next verification field on the form, regardless of whether the user focus was on the verification field or the magnification snippet.</p>
ALM 11951		Verification	<p>When the user pressed the TAB key within the Field Magnification Snippet, it was possible that no action was performed and the user remained on the current field, even though there were invalid fields/cells on the verification form.</p> <p>If the user pressed the TAB key when the focus was within the verification field on the form, the focus moved to the next available verification field.</p> <p>The behavior has been corrected in the current release.</p>



ID	Support #	Affected Feature / Engine	Description
ALM 11945		User Interface	<p>When the user selected the candidate in the document area to be copied to a particular field and pressed the 'CTRL+M' shortcut, the context menu was correctly displayed. However, the context menu options 'Align and copy to current field' and 'Copy to Current Field and' were not working.</p> <p>This has been corrected in the current release.</p>
ALM 11928		User Interface	<p>When the user placed the mouse pointer on the menu item 'Print Setup', the status bar was not showing any information regarding the current selection.</p>
ALM 11874		Tables	<p>There was no possibility to select text in the table cell using the mouse. The mouse selecting of text for text fields worked as expected and the issue was limited to the table cell.</p>
ALM 11871		Tables	<p>It was not possible to locate the cursor position/focus inside a table cell. The cursor could also be placed on the first rejected character in table cell or it was not shown at all.</p>
ALM 11870		Tables	<p>When the user deleted one line in a multiline table cell, the action would remove the whole content of the cell and not just the first line.</p>
ALM 11842		Classification	<p>Each time the user classified a document, the message "Moving document to exception" appeared even though the user did not have performed an exception step.</p>
ALM 11825		Verification	<p>When switching between Batch lists, File System versus DB, it was possible to get authentication errors such as, "Authentication of user [administrator] has failed for the project".</p>
ALM 11815		Logging	<p>Logging for the Verifier Thick Client has been improved so that the User roles are now written to the V_log file.</p>
ALM 11814		Performance	<p>It was noted that when a user verified batches configured with the option, Use Batch Specific Project File, a minor memory increment was observed with each batch verification completion.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11761		Tables	<p>When the user selected the Delete Cell option, the following two issues were noted:</p> <ul style="list-style-type: none"> <li>• After selecting Delete Cell option, the cell size/area expanded incorrectly sometimes showing two cells merged into one.</li> <li>• After deleting the cell, the enlarged field snippet area was not cleared or refreshed to reflect user selection.</li> </ul>
ALM 11729		Page Verification	<p>When the user opened a batch in the Document Tree Mode which contained two documents, one document with a single page and the other multipage document, and when they selected the first page and the option 'Select Next Unsure Page', it was observed that focus was moved to the next unsure page which has multiple pages but the page navigation icons were not reflecting the change in context from single page to multi-page document.</p> <p>The correct behavior should have been that the next page and last page icons should have been enabled for navigation.</p>
ALM 11725		Page Verification	<p>When the user opened a three page document in the Document Tree Mode and selected the first page, when the user selected the option 'Select Next Unsure page' option it was noticed that there was an inconsistency between the status bar and the tool bar. The tool bar page number was displayed as 'Page 1 of 3' but on the status bar it was displayed as 'Page 2 of 3'.</p> <p>The Status bar was displaying the correct page number but toolbar was incorrect.</p> <p>The behavior has been corrected in this release.</p>
ALM 11724		Page Verification	<p>When user opened a three page document in the Document Tree Mode and selected the first page, after they selected the option 'Accept/Reject Next Unsure page', an incorrect page number was displayed on the tool bar and the status bar.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11712		Demo Projects	<p>When the user worked in Supervised Learning Workflow, a script error message could be displayed as 'Error in handling of user-defined action:Document processing has been interrupted, due to a script error.Module 'ShowBestSuppliers', Event 'OnAction', Line 60, Offset 0:(&amp;H80000003) Item "Unicom Corporation 1234563" not in Collection. Please check the script for class Invoices.' when user clicks on 'Search' button in verification mode.</p> <p>This issue was noticed only when the user added documents to the global Learnset though Learn Set Manager, then opened the same vendor document in TVC and clicked the 'Search' button.</p> <p>The error was raised due to the demo project script missing a check on assigned class versus the class in the Global Project file.</p>
ALM 11706		User Interface	<p>When the Thick Verifier was configured with automatic user logon and the user attempted to launch the application without rights, an error dialog box displayed with incorrect spelling for Authentication.</p> <p>The error displayed 'Authentication', where it should have shown 'Authentification'.</p> <p>The spelling has been corrected.</p>
ALM 11654		Demo Projects	<p>Using the Smart Indexing Demo project data set.</p> <p>When the user tried to copy the data from the document to a field using the option 'Copy to Current Field' or 'Align and Copy to Current field', it was noticed that the data was not copied to the field. The selected data was shown only in the Snippet area, but never within the field.</p> <p>The root issue was that the batches provided in the demo project materials were not processed in recent versions and did not contain line information within the existing Workdocs.</p> <p>The behavior has been corrected so that the data is correctly mapped to the field and the document snippet area.</p>
ALM 11641		Settings	<p>The default focus was not present in the 'New Description' edit box when working with Exception Handling. When the user attempted to change the description of exception handling, the new description edit box did not have focus placed in it.</p> <p>The behavior should have been that focus was placed within the input box to allow the user to type a new description.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11636		Highlighting	<p>When the user placed mouse focus over candidates they received OCR'd text highlighting (with gray background) under the selected text. When they moved the mouse cursor over to the verification form, this did not remove the OCR tooltip.</p> <p>The correct behavior should have been that the tooltip was removed from the screen after focus moved from the OCR text.</p>
ALM 11629		Usability	<p>When the Verifier user worked with large documents (over 400 pages), when performing Cut/Append with such documents, it was possible to have an out of memory exception due to the document size. When the out of memory exception occurred, the application would still operate and the user would not be aware that there is a memory exception that requires an application restart.</p> <p>The behavior has been corrected that on occurrence of an Out of Memory exception, the user would be notified that they must restart the application.</p> <p>Support of Cut/Append of large document files (over 400 pages) is currently not available and will be a future enhancement for the product.</p>
ALM 11627		User Interface	<p>When the user opened a page in the Document Tree Mode, and in the other modes, it was noted that the Page navigation icons were overwritten by the Multipage icons.</p> <p>In particular, the Navigate to last page icon became hidden as the page count increased</p> <ul style="list-style-type: none"> <li>• One digit page (1-9) - Page navigation icons were ok</li> <li>• Two digit page (10-99) - The Last page icon was slightly overwritten</li> <li>• Three digit page (100-999) - Last page icon disappeared.</li> </ul> <p>The behavior has been corrected so that the toolbars do not hide.</p>
ALM 11621	30302	Settings	<p>In the General tab of the Verifier properties settings dialog box, when the user selected a project path, "Use project file:" with the path ending with '\ ' the "... button did not open the directory structure.</p> <p>This also occurred in the General tab of the Runtime Properties settings pane.</p> <p>The behavior has been corrected so that the open file dialog box opened in the desired location.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11620		Verification	<p>When the user worked in the Document Tree Mode, after accepting all unsure pages, when the user selected 'Verify Next Invalid Batch option' in the batch completion dialog box, the next batch with Page Verification input state opened in Extraction Verification mode instead of Document Tree Mode. This was the case even with the 'Extraction verification' workflow disabled.</p> <p>The correct behavior should have been that the next batch which opened for page verification, should have opened in the Document Tree Mode and not extraction verification mode.</p>
ALM 11613		Tables	<p>When the user selected a table cell, when they attempted to clear the location assignment, it did not clear the data in the cell. In addition, after they chose the option to Clear location assignment, a selection box was created in the top left corner of the document.</p> <p>The correct behavior should have been that the data within the table cell should have been cleared and candidate text/area should have reflected the change that it is not linked to the table cell.</p>
ALM 11603	00458257 15093-30458	Supervised Learning Manager	<p>The availability of the Supervised Learning Manager icon was unstable and indeterminate. This happened when the user role appeared incorrectly as VER.</p>
ALM 11460		Authentication	<p>When the user changed the password in Thick Verifier with the option 'Change Password', when the user attempted to login with the new password the authentication failed and the old password still worked.</p> <p>The correct behavior should have been that the user could have logged in using the new password after restarting the application, this behavior has been corrected.</p>
ALM 11366		Verification Mode	<p>When a user had batches which were in status 215 (document separation input) and 550 (extraction verification input) displayed in the batch list, when they selected the 'Verify first invalid batch' icon from 'Verify Batch' and pressed on the same icon an invalid error message was shown, 'Perceptive Intelligent Capture Verifier is unable to open first document to process'.</p> <p>The behavior has been corrected so that the first batch at Document Separation input is opened in the Document Tree View.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11365		Settings	<p>When a user selected 'Add state' option for any of the workflow input states, the same message was shown as 'Add new extraction verification input state'. The message always contained extraction verification irrespective of the user selection on workflow step (document separation, classification, or extraction). The same behavior was noted for Change State option.</p> <p>The messaging has been changed to be universal irrespective of workflow step.</p>
ALM 11025		Tables	<p>There were two items noted with the behavior of the 'Clear Candidate Assignment' option.</p> <ul style="list-style-type: none"> <li>The 'Clear Candidate Assignment' option was shown as 'Clear Location Assignment' for table cells.</li> <li>After the user cleared the table cell values with the 'Clear Candidate Assignment' option, the values were not cleared from the cells and remained as valid (green) in the document.</li> </ul>
ALM 10997	15093-28385	Tables	<p>In Verifier settings, when the "Allow immediate copying of selected area to a field or table cell" was checked, when the user navigated to a field with extracted data pending validation, the extracted data would disappear.</p>
ALM 10986		Verification	<p>It was possible for the option for 'Verify this batch with the next verification form' to be enabled incorrectly in the Batch Completion dialog, when the project did not have multiple forms verification enabled.</p> <p>The correct behavior was for the option to be disabled unless the project was configured to verify batches with multiple forms.</p>
ALM 10945		Verification	<p>In Extraction mode, when a user double clicked on candidate in the document and extracted to a field, it was noted that the cursor remained at the beginning of the field and not at the end.</p> <p>The correct behavior should have been that the cursor focus after document extraction was at the end of the field.</p>
ALM 10929		User Interface	<p>After the user applied a filter condition to the batches, the status bar displayed previously selected batch ID which appeared before applying of the filter condition. This would be displayed for a short period of time.</p> <p>This has been corrected in the current release.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 10684		Supervised Learning Workflow	<p>With the option of 'Nominate for the Learnset but never train locally' was used, with a Common Learnset path for 'Knowledge base directory', it was possible for the verifier user to get an error during the 'Add Document to Learnset' operation.</p> <p>"Perceptive Intelligent Capture Verifier was not able to add this document to the local Learnset.</p> <p>Description:Error during CopyFile operation !</p> <p>Please press "OK" to continue or "Cancel" to return to document verification."</p> <p>The above error has been corrected and was raised due to an incorrect path within the database.</p>
ALM 10619		Import	<p>When the user selected the a Database job with No batches, the 'Verification Mode' with the options 'Verify first invalid batch' and 'Verify selected/next batch' under the View menu were enabled incorrectly. The 'Verify Batch' icon available on the toolbar was disabled correctly.</p>
ALM 10582	15093-26259, 00455039	Verification	<p>When the verifier application was set to use 'overwrite' mode, if the user clicked into a field with contents on the Verifier form, the entire contents of the field were not selected for overwrite.</p> <p>The correct behavior should have been that the entire field content was highlighted ready to be overwritten by user key entry.</p>
ALM 10578		Batch List	<p>In the Batch view, 'Batches to Verify, Classification Only' was selected to filter the batches in the view. If only 1 batch existing at status 250 (classification input state), if the verifier user opened the batch and began to classify the documents, if an additional batch appeared in the batch view at status 250, on completion of verification the user was incorrectly prompted that 'All the batches which are not filtered, currently locked.....', are verified.</p> <p>This behavior has been corrected to ensure the user is taken to the next batch at status 250, if available.</p>
ALM 10256		Filtering	<p>It was noted that the Document Filter option was enabled in the Document Tree view for a user which did not have a Filter (FLT) role. The user was allowed to choose a document filter from the drop-down menu.</p> <p>This has been corrected so that if a verifier user does not have the Filter role, no document filter selection is possible.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 10176		Image Area	In the Document Tree view, for a multi-page document, a noticeable difference was seen in the image size when the user switched from the 'Single Page' to any of the Multi-Page views.
ALM 7054		Cut and Append	In Verifier Tree view, when the user cut pages after sorting the documents a confirmation message box was shown. When the user pressed 'YES' in the prompt for switching back to original sequence of documents in the batch, the user was required to perform the Cut again.  The behavior has been amended so that the user is prompted if they wanted to continue with cut after sort order was corrected in Document Tree Mode.
ALM 6943		Document Area	When the user worked with the "Fit to width" document view preference, the Document was seen to move on any click of a word on the document.
ALM 6905		User Interface	When the user added document to the local Learnset and reviewed the newly created class name, it was observed that it was not displayed completely on the right side corner of the User Interface.  Now a tooltip will show remainder class name if there is not enough space to display the full name.
ALM 6840		Cut and Append	When performing a Cut operation which fails, an error message was shown to the user "cut pages for the selected document succeeded incompletely". The error message has been grammatically corrected.
ALM 5826		User Interface	Some of the menu items in the application were inconsistent in their appearance; a mixture of representations could be seen in the menu item options. This has been changed to be standardized as proper case.  Also, the menu item "Move All Exception Documents" was always disabled and was not implemented. This has been replaced with a new feature for Move All Documents in Batch to Exception.
ALM 4708		User Interface	The Close icon on some Thick Verifier dialog boxes was disabled.



ID	Support #	Affected Feature / Engine	Description
ALM 3379	BW02555	Script Error	<p>When a Verifier user attempted to classify a document, if scripting errors were raised during this operation, the user did not see an error message and was left on the screen with no information.</p> <p>The correct behavior should have been to provide the user with information that there are script errors and to contact their local administrators for resolution.</p>
ALM 3270		Security	<p>When a user launched Verifier and attempted to log in using credentials which were not assigned with any User Roles or Groups, the application would close down abruptly.</p> <p>The behavior has been corrected to show the login dialog box once more to enable the user to enter valid credentials for the project with defined user roles and groups.</p>
ALM 1834		Import	<p>When Verifier was launched with incorrect Verifier Settings, an error message was shown which would appear in front of the launch splash screen. If the user clicked on the splash screen, the message box disappeared behind the splash screen</p>

## Perceptive Intelligent Capture Web Verifier

ID	Support #	Affected Feature / Engine	Description
ALM 12506		Tables	<p>The data in the table control was not refreshed after the verifier user added a missing line through the Table Correction feature.</p> <p>Workaround: The user could press F5, or refresh the web page, after the learning operation the column data will map correctly to the highlighted line of the document image.</p>
ALM 12230		User Interface	<p>When the user worked in Correct Tables mode using CTRL+T, it was observed that the Correct Tables menu check box could not be de-selected afterwards.</p>
ALM 12159		Verification	<p>When a table field was configured with Auto-Complete enabled. As the verifier opened the first document of a batch, it was noted that the auto-complete feature did not work for the table field on the first document of the batch. For subsequent documents in the batch, the auto-complete worked as expected.</p> <p>The issue was limited to the table field control and</p>

ID	Support #	Affected Feature / Engine	Description
			was working correctly for other fields.
ALM 12112		User Interface	<p>A script call like MsgBox("Message to be displayed", vbInformation) may hang Web Verifier if it was called at a time when the verification form was not displayed/loaded. When this issue is encountered, the behavior of the Web Verifier was to display a long "Loading data...." message box, followed by a hang or abnormal behavior (locked batches, reload of batch list does not work, ...).</p> <p>When the issue occurs, the user may have had to wait 20 minutes to recover the session.</p> <p>A few script events could trigger this issue if a MessageBox was called from within custom script.</p> <ul style="list-style-type: none"> <li>• MsgBox in ScriptModule_Initialize</li> <li>• MsgBox in ScriptModule_BatchOpen/ScriptModule_BatchClose</li> <li>• MsgBox in Field/Table_PostEvaluate and "Perform automatic extraction after manual classification" is enabled. The Web Verifier could hang after reclassification of document.</li> </ul> <p>When this issue occurs, a message box is shown and hidden from the user, leaving the application waiting for user interaction on the message box, which cannot happen as the message box was hidden.</p> <p>Workaround: In general MsgBox statements should only be called in events that are triggered by the verification form items (like focus, validation, button clicks)</p> <p>In 5.6, the Web Verifier automatically closes the dialog box if opened at the wrong time or for the wrong event. In addition, a message is added to Trace Log that contains the User Id and dialog box information.</p>
ALM 11961		User Interface	<p>After the user hid the icon toolbar in Extraction Verification Mode, the verification screen kept moving when the user moved the mouse in the form or document area. This made the application difficult to use.</p> <p>The workaround was to restore the icon toolbar.</p>
ALM 11937		User Interface	<p>A java script error "Object doesn't support property or method 'handleAccessKey'" was raised when the keyboard was used whilst a menu was in focus with the mouse.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 11839		Document Separation	<p>When the user opened a large batch (100+ documents) for Document Separation workflow, the user was correctly directed to the Document Tree view, however, a browser message box was shown to the user:</p> <p>Windows Internet Explorer Stop running this script? A script on this page is causing your web browser to run slowly. If it continues to run, your computer might become unresponsive.</p> <p>The Web Verifier has been improved in the performance of the loading of pages/documents within the Document Tree Mode.</p>
ALM 11684		New Certification	Internet Explorer 9 is now certified for Web Verifier
ALM 11386		Performance	It was observed that on a project with a large number of fields, more than 200 fields in a class, a performance issue was seen whilst validating fields. The application took around 15 – 20 seconds to validate the document on an average system.
ALM 11370		Localization	<p>If a user has selected any language other than English, if Timeout error was shown after 20 Minutes, the language was changed back to English with the Timeout Error message shown in English.</p> <p>This has been corrected so that the language preference is stored in browser cookies.</p>
ALM 11362	29628	Document Filename	<p>If an image was imported into Distiller with a filename containing curly brackets ("{" ; "}"), the image processed in Runtime Server with no issues. However, when the batch was opened in Web Verifier the following error was seen: "Input string was not in a correct format."</p> <p>The same image document was opened in the Thick Verifier client without incident.</p> <p>The error was raised in the instance where the image/document filename contained special characters that were mishandled by the application. The application has been corrected to accept these characters as part of the filename.</p>
ALM 11195		Classification Mode	When the verifier user navigated to the classification view, when they selected the Class Drop Down list, classes that were supposed to be hidden from the user, were shown. This issue only occurred when the project script was configured to hide/show

ID	Support #	Affected Feature / Engine	Description
			<p>classes to the user via Custom Script.</p> <p>The Verifier Thick Client worked as designed.</p>
ALM 10848		Security	<p>After the verifier user was presented with the change password dialog, it was possible for the user to navigate away from the Change Password dialog box by clicking on URL bar and still having access to batch list.</p>
ALM 10778		User Interface	<p>When a user validated a field with a project that used Encrypted script pages, a loading dialog box could appear for long period eventually returning the user to the login page. This could occur when a script error was encountered in the encrypted script page and the error was incorrectly suppressed.</p> <p>The behavior has been corrected so that script errors in encrypted project script pages are shown correctly to the user.</p>
ALM 10414		Tables	<p>Using Web Verifier, it was noted that clicking on Table Header, no Table Header Clicked event was being launched. The same action in Thick Verifier worked as expected.</p> <p>Support for table header click has been added to Web Verifier.</p>
ALM 10289		Filtering	<p>A group user was able to remove the group filtering if he had FLT role. This has been corrected so that a group user can only add additional filters on top of what is defined on the group level. The Group filter is always applied before the user one and cannot be removed by the user. The status bar will only display the current user filter, not the group one.</p>
ALM 10266		User Interface	<p>For a user configured under groups, when the Project and Job were not configured and an invalid batch filter condition was set, after the user logged in an application, an error was shown and the user was taken to the settings page where a confusing error was shown.</p> <p>This has been corrected so that the user received one message and would not be redirected with multiple messages.</p>
ALM 6852		Import	<p>After the user released the 'Highlight candidates' mode the Correct Table icon is clickable but user was not able to extract data from the document.</p> <p>Now when the highlighting mode is disabled, the Correct Table icon will be disabled.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 6544		User Interface	<p>When working in the Document Tree View, it was observed that the vertical position for the text elements were not consistent between different columns in the document tree view.</p> <p>This has been corrected in the current release.</p>
ALM 6386		Verification Form	<p>When the user clicked in the fields on the verification form within a few seconds, it appeared that the focus randomly moved to previous fields that have been clicked.</p> <p>The mouse click events were not serialized correctly, and this behavior has been corrected in this release.</p>
ALM 6266	PS0054	HighlightField	<p>A custom script error was incorrectly thrown while using the pWorkdoc.HighlightField in a field validation event.</p>
ALM 6075		Field Settings	<p>On Designer, it is possible to define a list of suppliers as a list item in definition mode when the user checks the field validation option "Fill list of suppliers". When this option was configured within a project file, the Web Verifier application failed to show the list of supplied for the field.</p> <p>This behavior has been corrected in the current release.</p>
ALM 3958		Verification	<p>The Append field text by word option was not working in Verifier Thick Client.</p>

## Perceptive Intelligent Capture Runtime Server

ID	Support #	Affected Feature / Engine	Description
ALM 12834	757811 776448	Import	An OCR instance could pick a batch to process that was not entirely imported if "Activate High Priority mode" was enabled in the instance settings. This could happen if the import instance was restarted using one of the "auto-restart" options. This has been fixed in this release for SQL server database. A new defect #12956 has been raised to analyze the case when the system uses Oracle database.
ALM 12657	682904	Email Import	<p>When the RTS instance performed email import, it was noted that the RTS instances began to restart repeatedly and failed to download emails for processing.</p> <p>When the logs were reviewed, it was observed that the application was not able to create temporary files (downloaded emails). Further analysis into the issue showed that the temp folders cdrXXXX.tmp were not removed after a "PR_ATTACH_METHOD 5 not supported yet!!!" message was encountered attempting to download an attachment, followed by a message.msg moved to _badimage folder. This behavior resulted in over 64,000 temporary folders left behind which prevented any further processing by the Runtime Server.</p> <p>The behavior of the Runtime Server instance has been corrected so that temporary folders/files are not left behind on an error.</p>
ALM 12649 Cairo		OCR	When performing the OCR step on large tiff documents in RTS, an unusually big DKWorktext log file was generated repeating the same line about 7000 times.
ALM 12627	652399	Brainware Toolkit	<p>While classifying a large document with over 200 pages, the Runtime Server instance could terminate abruptly. Crash logs could be seen showing that there was a problem in Brainware ASE Pool V3.</p> <p>When attempting to process the same document in the Designer application, the application hanged.</p> <p>The erroneous behavior was caused due to the amount of text OCR data which was passed to the Brainware ASE Engine, the project was configured to send OCR data for all pages to the engine.</p> <p>A workaround was possible, to Enable the "Evaluate candidates on first page only" in the advanced tab properties of the ASE field.</p> <p>The engine has been corrected to better handle large OCR data.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12550	623487	Brainware Toolkit V3	<p>In some rare instances, when performing a pool update in Version 3 of the Brainware Toolkit, it was possible that the update could hang in Designer or Runtime Server.</p> <p>This behavior has been corrected in the current release.</p>
ALM 12449		Phrase Classification	<p>When the user worked with the Phrase Classification engine and Settings window, it was possible to change an existing 'word' into two or more words (i.e. the 'word' contains an intermediary space but is still treated by the engine as one 'word').</p> <p>The intended behavior of the Phrase Engine was that each 'word' was handled separately, when a 'word' was made up of multiple words, highlighting issues could become apparent.</p> <p>It should not have been possible for a phrase to include a 'word' that includes a space (e.g. when such a value is entered as a new phrase, it is separated into multiple 'words').</p>
ALM 12409	00595699 00632285	Settings	<p>The following fix was noted on upgrades to Distiller 5.5 and above, or for new installs of Distiller 5.5 using Australian Time Zone.</p> <p>When "Automatically adjust clock for Daylight Savings"(DST) was enabled and the time zone was changed to "Canberra, Melbourne, Sydney", it was not possible for the administrator to create new instances, and they could not run previous instances.</p> <p>When the issue occurred, the DstSvcCP.dll did not appear in the list of Component Version Tool when Daylight Saving Time (DST) was enabled.</p> <p>This issue has been corrected in this release.</p>
ALM 12356		Document Tree View	<p>When the administrator attempted to disable the Page Reordering feature via the database setting, any Verifier user who logged into Web Verifier and attempted to open the Document Tree View, received an error "Specified cast is not valid."</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12334		Settings	<p>When in the General tab settings view (MMC RTS Properties), if the user clicked on the Project Browse icon, instead of the path specified within the project pane, the browser dialog box displayed the last used project path in RTS settings. The last used project path is taken from the last time the Browse button was used.</p> <p>The correct behavior should have been that the user was taken to the currently specified directory in the pane.</p>
ALM 12301		Settings	<p>After importing a SET file exported in version 5.3 SP2, if the user attempted to navigate between the Properties tabs on the newly configured RTS instance, a Windows error message was thrown indicating that MMC has detected an error in the snap-in. This error resulted in a closure of the MMC window.</p> <p>The issue was noted with earlier setting files imported into Distiller 5.5 SP1 and above.</p>
ALM 12067		User Interface	<p>Three changes have been applied to user interface:</p> <ul style="list-style-type: none"> <li>• Designer - Zone prompt messages were missing title bar, this has been corrected.</li> <li>• Designer - Verifier Form Design action dialog box, some prompts were missing an icon from the message boxes.</li> <li>• Runtime Server - Changing multiple batches, the confirmation message boxes did not have a ? at the end of the question.</li> </ul>
ALM 10809	n/a	PostOCR event	<p>If a script error was raised in PostOCR, such as 'divide by 0', it was observed that the document would continue to status 200.</p> <p>The correct behaviour should have been that the document would go to an OCR failure status (default 150), and that no OCR results would be stored within the document.</p>
ALM 10674		Cleanup	<p>A cleanup RTS instance was not behaving correctly if "Activate High Priority" settings are enabled. This has been corrected. When "Activate High Priority" options is active, property page doesn't allow you to activate "After X hours" for "Cleanup" step.</p>



ID	Support #	Affected Feature / Engine	Description
ALM 5828		User Interface	<p>When the user viewed the Runtime Server MMC Settings on a German workstation, some of the text labels or messages displayed in a mixture of English and German.</p> <p>The remaining items appearing in English have been translated to German.</p>
ALM 1458		Settings	<p>The "Generate protocol file for each exported batch" option was incorrectly enabled for newly created RTS instances.</p>
ALM 951	24314	Import	<p>In Designer, when configuring a list field, the Property "Fill List of Suppliers" was active even when the field was not designed to use Associative Search Engine (ASE). The correct behavior should have been that the option should be disabled.</p>

## Installation

ID	Support #	Affected Feature / Engine	Description
ALM 12822	00726610	Installer	<p>After the Installation of the WL setup, when user tried to view the Security Properties of the DOXiS4 Inbound Center CLX folder, an error message was displayed.</p> <p>This issue was due to a WL setup that had NO version number.</p> <p>The folder name was expecting a version number. This has been corrected.</p>
ALM 12748	00731907	Batch Files	<p>After installation or manual registration of components, when the user tried to review the log files for failures, if any failures occurred during the Registration process (for example, Register Applications batch file), the failures were not seen in the log files.</p> <p>The batch files have been corrected so that they now log failures during registration process.</p>
ALM 12607		Shortcuts	<p>After the product was upgraded from 5.5 SP2 or below, to any version above, the install shield created duplicates windows shortcuts of the product documentation.</p> <p>This has been corrected in the current release.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12572		Upgrade	<p>After a user upgraded from version 5.3 to Distiller 5.4 and above, the Desktop shortcut icons for Starting and Stopping the Runtime Server Service no longer functioned.</p> <p>The install shield failed to take into account the Product Branding change between Distiller 5.3 (IDC-Distiller) to 5.4 (Perceptive Intelligent Capture) for the Service Name.</p> <p>The correct behavior should have been that the install shield updated the batch files associated with the shortcuts so that the service name was the same as the current install.</p>
ALM 12543		Silent Installer	<p>When the user performed a Silent install, it was noted that the Fine Reader 8 engine (CroFR8.dll) was always installed through silent installation even though the INI file was configured to disable the FineReader 8 install.</p>
ALM 12486	00610987	Cedar Crypt	<p>After a system has been repaired, any project which used CdrCrypt.RSACodeInt.Encode/Decode no longer worked. A script error was raised similar to: Error '(10092) ActiveX Automation: server cannot create object.'</p> <p>The error was due to a failed registration of one of the DLLs in the Register Applications.bat during repair.</p> <p>Workaround: Run "Register Applications.bat" in the Perceptive Intelligent Capture\bin.</p>
ALM 12466		Cedar Crypt	<p>An issue was noted where each Repair action was creating duplicate References to the same CdrCrypt TLB file. The issue did not cause any negative effect on the system.</p>
ALM 11205		Web Config	<p>Installing a new version of the software using Repair mode was corrupting the web.config. The former one got replaced with a new one with placeholders. This was breaking WVC and reconfiguration was needed.</p>
ALM 7380		Stored Procedures	<p>When an error was raised in a Stored Procedure, the same error number was shared by several SP, thus making it difficult to ascertain which Stored Procedure raised the error.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 4438		Modify	<p>In previous releases, if the user selected to add the Runtime Server components to their existing install, the RTS shortcuts did not get installed on their desktop or Windows Shortcut.</p> <p>This has now been corrected for the Distiller 5.6 platform.</p>

## Learn Set Manager

ID	Support #	Affected Feature / Engine	Description
ALM 11693		User Interface	<p>When the user selected any class having more than one page document and navigated to second page, the status bar did not display the correct page number.</p> <p>This has been corrected and the status bar will now display the correct page number based on user selection.</p>
ALM 11626		User Interface	<p>The About dialog box for Learn Set Manager has been improved to be in line with the Verifier thick client.</p>
ALM 11573		Import	<p>When the user worked in the Learn Set Manager Settings, with the 'Inherit Verifier Settings' option unchecked, the user could not select the job from the dropdown, the List box was disabled and unavailable for selection.</p> <p>The correct behavior with the Unchecked option is that it should be possible to select a database job for knowledgebase source.</p>
ALM 10998	15093-28273	OCR	<p>When a verifier user added documents to the Global Learnset from a verifier workstation where no OCR engines were installed, the global project located on the server was incorrectly updated to have the default OCR engine changed to Cairo OMR.</p> <p>The correct behavior should have been that the OCR settings should not have been updated from the verifier workstation through the Supervised Learning Workflow.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 6939		User Interface	<p>When a database job, Knowledgebase, was created from Learn Set Manager, no confirmation of success or failure was shown to the user.</p> <p>This has been corrected so that the user is now shown a confirmation of success or failure on Job Creation within the database.</p>

## Engines

ID	Support #	Affected Feature / Engine	Description
ALM 12814 Cairo	731170	FineReader	FineReader 10 failed to read certain instances of text that included digits within parentheses. FineReader 11 correctly reads these texts.
ALM 12798 Cairo	00756001	FineReader	The activation of Japanese and English language in FineReader 10 caused orientation correction to fail in certain English documents, i.e. the documents were not correctly rotated. With the same languages active, FineReader 11 applies the correct rotation in these instances.
ALM 12759 Cairo	00561641	Kadmos 5	When analysing a document in Designer Definition mode, the Designer/RTS applications crashed during the OCR process. Further review pinpointed the issue to surround the "verGeburtsDatumPB" Kadmos5 zone that was potentially attributing to the crashes.
ALM 12659		Associative Search Engine	<p>The candidates which are returned after the first pass typically have low confidence. Therefore they were (historically) filtered by hard-coded value of 20%.</p> <p>Now all the candidates are returned if "Enable candidate evaluation using:" settings is switched off in the ASE advanced settings tab.</p>
ALM 12592 Cairo		FineReader	In Definition Mode of the Designer application, after the user had performed OCR on a document, the Designer application crashed when user tried to exit the application.
ALM 12450 Cairo		FineReader	In certain instances, the activation of CJK languages (in addition to English) caused FineReader 10 to read digits as letters. With the same CJK languages active, FineReader 11 successfully reads these same digits.

ID	Support #	Affected Feature / Engine	Description
ALM 12360 Cairo	632991	FineReader	In certain instances, FineReader 10 failed to read columns of single digits. FineReader 11 correctly reads the digits in these same instances.
ALM 12329 Cairo	00537142	FineReader	In certain instances, FineReader 10 misread digits as letters. FineReader 11 correctly reads the digits in these same instances.
ALM 12146 Cairo	00496653	FineReader	In certain documents, FineReader 10 failed to OCR one or more blocks of text. FineReader 11 successfully reads all text in these same documents.
ALM 12089	00489155 00628472	ASE V3	<p>With the 'Enable alphanumeric identifier' option selected for an Associative Search Engine (ASE) field, specific invoices with poor OCR results failed to return a vendor from the vendor search. When the user viewed the results in the Search dialog box, it displayed one or more items consisting of only hyphens and a % weight value.</p> <p>The issue appeared in both Verifier and Designer and Verifier Test Mode.</p> <p>The issue only appeared for the first document for which a Vendor Search was performed. If a previous Vendor Search had been performed on an invoice that successfully extracted a Vendor, all later searches, including those on problem invoices, were successful.</p> <p>This issue occurred due to an initialisation failure on the engine if no candidates were returned.</p> <p>The behavior has been corrected in Version 5.6.</p>
ALM 11965		Multipage Detection/Triton ADS Engine	Multipage detection Triton ADS engine could not append the document when a database job was used. The engine has now been fixed so that a project can staple pages using the Triton ADS engine. To function properly, a batch of single page documents has to be processed.
ALM 11683	15093-30325	FineReader	In certain instances, FineReader 10 misread digits as letters. FineReader 11 correctly reads the digits in these same instances.
ALM 11631		FineReader	In certain instances, the activation of CJK languages (in addition to English) caused FineReader 10 to fail to OCR certain English texts. With the same CJK languages active, FineReader 11 successfully reads these same texts.

ID	Support #	Affected Feature / Engine	Description
ALM 7393 Cairo	PS0100	FineReader	Orientation correction by FineReader 10 failed in a certain instance, i.e. the document page was not correctly rotated. FineReader 11 applies the correct rotation in this instance.
ALM 7371 Cairo	15093-28981, 617883	FineReader	The activation of CJK languages in FineReader 10 caused orientation correction to fail in certain instances, i.e. the document was not correctly rotated. With the same CJK languages active, FineReader 11 applies the correct rotation in these instances.
ALM 6444 Cairo		FineReader	Orientation correction by FineReader 8 failed in certain instances, i.e. the document was not correctly rotated. The current FineReader engines (10 and 11) apply the correct rotation in these instances.
ALM 5822 Cairo		FineReader	In certain instances, FineReader 8 split decimal amount into two words. The current FineReader engines (10 and 11) correctly read these instances of amounts as a single word.
ALM 5821 Cairo		FineReader	FineReader 8 failed to read certain instances of a decimal point. The current FineReader engines (10 and 11) correctly read these instances.
ALM 5783 Cairo	BW04813	FineReader	FineReader 8 misread certain instances of the digit '4' as a '1'. The current FineReader engines (10 and 11) correctly read these instances.
ALM 3062	BW01640	FineReader	FineReader 8 misread certain instances of the digit '9' as a '3'. The current FineReader engines (10 and 11) correctly read these instances.

## Scripting

ID	Support #	Affected Feature / Engine	Description
ALM 12579		PostImport	<p>When the Scripter attempted to change an image document in the PostImport event - such as applying redaction or stamp, the changes to the workdoc image would not be saved in the database and would be lost.</p> <p>Similarly, any actions on the Workdoc object in the PostImport event also failed.</p> <p>The same actions worked correctly in the other subsequent scripting events. The correct behavior should have allowed the Scripter to modify the image/workdoc in the PostImport event.</p>
ALM 12468		References	<p>Some of the Distiller References Libraries were not shown in a standard format; this caused the user some difficulties in locating the right reference libraries to use for API calls.</p> <p>When viewing the References Library, some of libraries displayed with "Cdr" which was not as per the standard name (Cedar).</p> <p>An example of such a library was CdrFieldBooster, which should have shown as Cedar Field Booster.</p>
ALM 12187		SecurityUpdateAdd UserGroup	<p>Using a project which had an exported user UserA using the Designer Users and Groups dialog, when the project was configured to automate the user update such as the script below on the project level, an error was thrown stating that the user already existed.</p> <pre data-bbox="776 1318 1339 1583"> Private Sub ScriptModule_UpdateSystemSecurity(ByVal InstanceName As String) Project.SecurityUpdateStart Project.SecurityUpdateAddUserGroup "UserA", 777, "VER", " " Project.SecurityUpdateAddUserGroup "UserB", 777, "VER", " " Project.SecurityUpdateCommit End Sub                     </pre> <p>When the Runtime Server was configured with security update, whilst executing the script, the instance could throw an error stating</p> <pre data-bbox="776 1703 1339 1835"> "Document processing has been interrupted, due to a script error. Module 'Project', Event 'UpdateSystemSecurity', Line 20, Offset 0: (10090) ActiveX Automation error."                     </pre> <p>H_log error :</p>

ID	Support #	Affected Feature / Engine	Description
			<p>[Error] [20] ...   Import for this user will be skipped ---                      &gt; A local user with this name already exists in the database</p> <p>[Error] [10] ...   Document processing has been interrupted, due to a script error. Module 'Project', Event 'UpdateSystemSecurity', Line 20, Offset 0: (10090) ActiveX Automation error.</p> <p>The name of the user failing to import is now written to the log file and error handling like "On Error Resume Next" should have been added to the VB code to allow remaining users to be imported.</p>
ALM 11826		pWorkdoc.FileName	<p>When the Scripiter used the PostImport scripting event to check the filename of the image imported via the pworkdoc.FileName, it was noted that a DB temporary filename was returned as the value, as opposed to the real filename that was imported.</p> <p>For example, instead of MyImage_0001.wdc, the value returned was DB_00001213.wdc during PostImport. In all other events, the "MyImage_0001.wdc" was returned.</p> <p>The correct behavior should have been that the correct file name should have been returned.</p>
ALM 11766		SCBCdrSupplierExtractionEngine	<p>It was possible to trigger an application crash in any Distiller module (Verifier/Designer/Web Verifier) if the SCBCdrSupplierExtractionEngine.SearchField method was called with nothing as a parameter for AnalysisSettings.</p> <p>For example:                      theSupplierEngine.SearchField(SearchText,pWorkdoc,Nothing,FIELDNAME)</p> <p>The correct behavior should have been a scripting error as invalid argument or type when the script line executed.</p> <p>As a workaround, existing script should have been placed to ensure that the AnalysisSettings parameter was not equal to nothing.</p>
ALM 11676		Table Cell Focus Change	<p>When a user unmaps a table column via the Table control versus the document area, it results in different event code (reason) firing for the Cell Focus Change.</p> <ul style="list-style-type: none"> <li>• After mapping data into table column, right click on table control (column header) and select unmap – Reason – 10</li> <li>• After mapping data into table column, right click on document area highlighted column and select unmap – Reason – 17.</li> </ul>



ID	Support #	Affected Feature / Engine	Description
			The behavior should have been consisted and will now have reason returned as 10 for both actions.
ALM 10777		BatchClose Event	<p>After a user validated a batch to completion with the option to verify next invalid batch, the Batch Close event parameter for 'Batch Release Action' was showing an incorrect value.</p> <p>The 'Batch Release Action' should have shown the value 2 (Verify next invalid batch).</p>
ALM 6813		VerifierExceptionEvent	<p>When a document was placed into an exception state programmatically, via WinWrap custom script, it was noted that the document remained in the existing batch, even though the script flagged the document to be moved to a new exception batch.</p> <p>This script behavior has been corrected in the current release.</p>
ALM 6614		ReadOnly (Table Cells)	<p>If a scripiter implemented project script to dynamically change the ReadOnly property of a table cell, while the user was inside the cell of a table to be made read only, the change would only take effect after changing the focus (e.g. to another field).</p> <p>The behavior has been corrected so that the table cell will become read only.</p>
ALM 5460		User Interface	<p>When a script error was raised the user was presented with a Yes/No message box on whether to debug the script. If the user selected No to debug the script, the application would nevertheless launch the script window and display it to the user.</p> <p>This meant that the selection of Yes or No on the message dialog box was resulting in the same action which was to display the script window.</p> <p>The behavior has been corrected so a No selection will not display the scripting window.</p>
ALM 2795		Editing	When navigating between scripting pages/sheets on the open window, the title bar of the window did not reflect the selected scripting page, instead it displayed the first opened scripting page window regardless of the user's current selection.
ALM 2670		Editing	<p>If the Scripiter opened a project file and made some script changes, with no other project related changes, after they closed Designer the user was not prompted to save the changes. This resulted in script changes loss as the Scripiter was not always aware that their changes had been lost.</p> <p>This behavior has been corrected, and the user will</p>

ID	Support #	Affected Feature / Engine	Description
			now be prompted to save their changes.

## Licensing

ID	Support #	Affected Feature / Engine	Description
ALM 524		Expiry Date	<p>On launching any Distiller application on a system with an Expiry License Date, such as Designer, a message was displayed once a day to notify the user the license expiry date.</p> <p>The date on the message box was taken from the License file and was not in a user friendly format. This was changed to a neutral format DD-MON-YYYY (12-Dec-2003).</p>

## Tools

ID	Support #	Affected Feature / Engine	Description
ALM 12337		Workdoc Browser Database	<p>It was not possible to connect to the database with the Workdoc Browser when the Operating System locale was configured for any non-unicode language, for example, Chinese. The error below was shown to users when they attempted to connect to the database:</p> <pre>"Error loading Workdoc Invalid property value Error Number: 380"</pre>
ALM 12228		Workdoc Browser Export	<p>When a batch of documents was exported from the database to the File System using Workdoc Browser, the batch that was last selected will be exported, not necessarily the selected batch.</p> <p>The issue could occur either via the Edit menu or the right-click context menu.</p>

ID	Support #	Affected Feature / Engine	Description
ALM 12227		Workdoc Browser Database	<p>In the Database view of the Workdoc Browser, if the user selected a document(s) folder and attempted to copy Folder to File System..., the following error message appeared after confirming the location to save the documents:</p> <pre data-bbox="776 552 1347 688">An error occurred!(mnuCopyFolderToFileSystem) Error number: 13 Source: DstWkBrw Description: Type mismatch</pre> <p>The issue appeared when the user accessed this option from the Edit menu as well as via the context menu.</p>
ALM 12106		Workdoc Browser User Interface	<p>When using Workdoc Browser with the Windows screen size set to 125%, the navigation icon for Next Document was missing from the icon bar.</p> <p>This has been corrected in this release.</p>
ALM 11969		Learn Set Manager User Interface	<p>When the user selected the multipage document and clicked on 'Verify Documents' icon, after navigating to the second or subsequent pages of the document, it was observed that the status bar continued to display 'Page 1 of X'.</p> <p>This was incorrect behavior and the page should have reflected the current page focus from the user selected page. This issue was observed only with the Database Job as source, but not with File System accumulated documents.</p> <p>The behavior has been corrected.</p>
ALM 11563		Borkdoc Browser User Interface	<p>When the user used the TAB key to navigate between dialog elements, when focus moved to the CANCEL button, the next TAB key stroke saw the focus move away from the dialog box. The user had to place focus back into the dialog box to resume login.</p> <p>The correct behavior should have been that the next focus should have been moved to the Username entry box.</p>

ID	Support #	Affected Feature / Engine	Description														
ALM 11516		Workdoc Browser Export	<p>When exporting the Filtered batches to the database, the user received an error message box.</p> <p>An error occurred!(mnuCopyBatchToDataBase)</p> <p>Error number: -2146232832</p> <p>Source: CdrDB</p> <p>Description: Brainware.System.DAL.DAException --- &gt; There are not batches to copy for Job with Id '0'</p> <p>The issue was seen on both the SQLServer and ORACLE database platforms.</p>														
ALM 11515		Workdoc Browser User Interface	<p>When as user tried to select the Hard Link folder 'Documents and Settings' is the Workdoc browser a Run Time Error Message was shown</p> <p>"Run time error '70':Permission Denied"</p> <p>After the user pressed the Ok button, the application closed down.</p>														
ALM 11505		Workdoc Browser Usability	<p>When the user opened any WDC file from the Workdoc Browser tool, the TIF files which were present in the folder were also recognised as valid WDC files. This caused duplication of files shown in the list of open items.</p>														
ALM 11201		Workdoc Browser Performance	<p>It was observed that when the workdoc browser was configured to have more batches shown, the performance of the tool degraded with the increase of batches.</p> <p>The timing example below was on a typical machine accessing a SQL Server database batch.</p> <table border="1"> <thead> <tr> <th>Batch Count</th> <th>1st Iteration</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td>5.84s</td> </tr> <tr> <td>2000</td> <td>11.78s</td> </tr> <tr> <td>3000</td> <td>19.02s</td> </tr> <tr> <td>5000</td> <td>37.35s</td> </tr> <tr> <td>10000</td> <td>90.00s</td> </tr> <tr> <td>15000</td> <td>181.00s</td> </tr> </tbody> </table>	Batch Count	1st Iteration	1000	5.84s	2000	11.78s	3000	19.02s	5000	37.35s	10000	90.00s	15000	181.00s
Batch Count	1st Iteration																
1000	5.84s																
2000	11.78s																
3000	19.02s																
5000	37.35s																
10000	90.00s																
15000	181.00s																
ALM 11073		Workdoc Browser	<p>When the user selected a batch with a structure of 1 Folder per document, the document navigation icons were disabled. The document navigation icons should have been enabled as soon as the batch was selected.</p>														

ID	Support #	Affected Feature / Engine	Description
ALM 11045		Workdoc Browser Logon	The log on dialog box used for the Workdoc Browser was not consistent in comparison to the other application modules, with fonts and styles.
ALM 7132 Cairo		SCB Component Version Information User Interface	In the Component Version Info tool, the About dialog box displayed the wrong Version and Copyright info.
ALM 3362		Learn Set Analyser	The Learnset Analyser application could terminate in some instances when the user clicked on the 'Start analysis' button or 'Settings' button.

## Documentation

ID	Support #	Affected Feature / Engine	Description
ALM 11599		Installation Guide	Information on adding new columns for the Batch View in Oracle Database was missing from the Installation Guide.  A syntax and an example have been added to the Installation Guide.
ALM 11172		Runtime Server Guide	The information on 'Priority' has been corrected in the section 'Import Settings' and 'General Settings' of the Runtime Server Guide.
ALM 11100	15093-28724	Designer Guide	The Designer Guide did not provide information on file size limitation for .csv file import.  This has been corrected in the section 'Import your reference data from a CSV File'.