Perceptive Intelligent Capture

Release Notes

Version: 5.5

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from Lexmark

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Release 5.5 SP2

General Notes

This document, the Release Notes for Intelligent Capture version 5.5 SP2, contains descriptions of defect corrections and software extensions identified by customers, support, and the Perceptive professional services implementation teams.

Compatibility

Backwards compatibility

Please review the backwards compatibility sections of the previous releases.

Internal compatibility

As of Intelligent Capture version 5.4, all implementations should use the database option, not the file system. Customers with a file system that want to upgrade to version 5.3 SP2, and higher, must upgrade to database.

The baseline capabilities of Intelligent Capture 5.5 SP2 are fully backward compatible with previous versions. You can upgrade existing projects to Version 5.5 SP2 by following the instructions in the *Migration Guide*. However, you can not use projects built with version 5.5 SP2 with earlier versions of Intelligent Capture.

New Behavior for the cut/append document process

A new way to retrieve the original file name of a page has been implemented in Custom Script for Professional Services.

Please refer to the Migration Guide, Chapter 4 "Installation and Migration to Version 5.5 SP2", section 4.7 "Script Migration" for detailed information.

External compatibility

Version 5.5 SP2 is certified to work with the following operating systems:

- Windows 7

- Windows Server 2008 R2

Version 5.5 SP2 is certified to work with the following database platforms:

- SQL Server 2008 R2

- ORACLE 11

Version 5.5 SP2 is certified to work with VMware ESX 4.1.

Version 5.5 SP2 is certified to work with Internet Explorer 7, 8, and 9 (in Compatibility Mode).

New Features

General & Designer

ID	Affected Feature / Engine	Description
		The correct tables feature has been enhanced to allow for supporting more complex tables and learning of lines.
ALM 11584 ALM 5411	30304 29754	A new line extraction method has been added, 'Advanced line extraction (Beta)'. This line extraction method is in Beta mode and is pending further integration with some of the engines.

Verifier (thick client)

ID	Affected Feature / Engine	Description
US 21189	Document View	It is now possible to reorder pages within the same multipage document, inside the Document View in Verifier. The reordering action can be performed via drag and drop in the document tree.
US 20423	ASE Pool	Handling of ASE Pools loaded into memory has been enhanced in order to achieve better processing performance.

Web Verifier

ID	Affected Feature / Engine	Description
ALM 12168	Document access	A new web.config option has been introduced: AllowAccessToDocumentsToIndexOnly. This option, when set to True, prevents users from navigating to documents whose states are out of the allowed input states within their workflow. This option only takes effect when "Disable navigation to valid documents" is enabled in the Workflow settings. When the web.config setting is set to False (or not included), the Web Verifier application works as previous releases, allowing navigation to documents within a batch that do not correspond to *allowed* input states.
US 21189	Document View	It is now possible to reorder pages within the same multipage document, inside the Document View in Web Verifier. The reordering action can be performed via drag and drop in the document tree.

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ID	Affected Feature / Engine	Description
	Web.config	The web.config has a new option in <formEvents> section: <focusChanged enabled="true/false"/> This option controls firing of the focusChanged event on pressing the Enter key in a field. This option defaults to True. If the web.config does not have this setting it is considered to be turned on. However, this setting has no effect on focusChanged event in case the option <mouseClicked> is set to true.
	Table correction	The command CTRL + ENTER has been added within table support to allow the user to enter multiple lines in table cells.

Scripting

ID	Affected Feature / Engine	Description
US 16432	User Group Assignment	A new method, SecurityUpdateUserParameter, will allow scripters to establish the default group settings in Web Verifier Client for script imported users.
ALM 11974	Cell Validation	It is now possible to turn off validation of all invalid cells when the user validates a single invalid cell. The default behavior for user validation of a single invalid table cell is to trigger the validation of all other invalid table cells. On a large table (1000+), this could have a performance impact causing some user delays with each table cell verification. The validation mode can be enabled for each document via the following script: pWorkdoc.NamedProperty("SkipTableCellMassValidation") = True .
US 20423	ASE Pool	The memory used by all Associative Search Pools (ADS) can now be released in script using ReleaseAllAdsPools method. This feature can be used in the event where the project has multiple large Associative Search pools from different classes thus requiring a lot of memory. If the documents are sorted by class in different batches, only the required pools for a class will be loaded in memory when processing the batch. The drawback is a potential decreasing of the performance due to the fact that the pools have to be reloaded each time a batch is processed.

Documentation

ID	Affected Feature / Engine	Description
ALM 11981	Scripting Guide	The description for the feature 'IgnoreAnalysisFailures' has been updated.

Fixed Defects

Designer & Database

ID	Support #	Affected Feature / Engine	Description
ALM 12353	576208	CdrWkDoc, CdrProj	A verifier crash related to certain type of document has been fixed. The CdrWkDoc log file contained the following line at the time of the issue: LErr:0|hRes:0|include\CroTempl.h|Tue Oct 2 16:53:46 2012|150|A|nIndex >= 0 && nIndex < m_nSize
ALM 12321	567007	Import	When processing single byte language documents, non latin, such as Russian / Greek/ Turkish / Thai documents in Intelligent Capture, the language specific characters did not display correctly during verification. After enabling the 'Activate Support for non-western languages' option in Designer, the OCR'd characters in the documents were displaying English representations of the characters instead of the OCR'd language. This has been fixed in 5.5 SP2.
ALM 12295		CJKT Support	When working with Chinese/Japanese/Korean characters in Phrase Classification, it was noticed that incorrect weights were being applied against documents. For example, a document which contained a single phrase with the low significance (10%) and no tolerance errors, could get a weight of 33%, which would be incorrect as the result should have been 10%. The issue occurred due to incorrect interpretation of the Chinese characters within the product. This has been corrected in the current release.
ALM 12294		CJK Support	When working with Chinese/Japanese/Korean characters in Phrase Classification, it was noticed that selecting OCR'd characters as Phrase candidates displayed ?s instead of the appropriate Chinese characters. The issue occurred due to incorrect interpretation of the Chinese characters within the product. This has been corrected in the current release.

ID	Support #	Affected Feature / Engine	Description
ALM 12292		CJK Support	When working with Chinese/Japanese/Korean characters in Phrase Classification, or Format Analysis Engine, or another engine, it was noticed that the Chinese phrases were not highlighting the selected characters correctly on the document. In addition, selecting OCR'd characters as Phrase candidates displayed ?s instead of the appropriate Chinese characters. The issue occurred due to incorrect interpretation of the Chinese characters within the product. This has been corrected in the current release.
ALM 12290		OCR Line Analysis	It was noted that punctuation characters in Chinese were dropping into different lines than the ones they should be on. Using the new Line Analysis Engine (beta) in 5.5 SP2, it was observed that the punctuation characters are now in correct positions with the OCR text.
ALM 12284		CJK Support	When working with Chinese/Japanese/Korean characters in Phrase Classification, or Format Analysis Engine, or another engine, it was noticed that opening the project file on another machine did not display the characters correctly. In addition, selecting OCR'd characters as Phrase candidates displayed ?s instead of the appropriate Chinese characters. The issue occurred due to incorrect interpretation within the product of the Chinese characters. This has been corrected in the current release.
ALM 12283		Tables	When attempting to train a table for a document which contained 3 columns, it was noted that the table appeared to be trained. However, attempting to map columns, it was noticed that a) The Description column was lost and could not be extracted b) There were many rows missing that were trained The issue was specific to a document which contained 3 column data when the anchor lines were analysed, and the engine filtered out all learned lines which had less than four columns.
ALM 12280		Tables	When the user attempted to learn tables in Chinese documents, it was noted that additional data was appended to the column mapped. It was not possible to train the table due to the extra data being appended.
ALM 12188		Extraction	With CJKT OCR languages activated and the Multi-byte encoding option activated (which is the intended state for CJKT enabled projects), extraction was found to cause repeated crashes of RTS and hangs in Designer. The issue existed in versions 5.4 and 5.5 SP1.

ID	Support #	Affected Feature / Engine	Description
ALM 12165	PS0185		When analyzing a document in the DFI project, the Designer application could hang after the PreExtract event of the LineItemsGeneric (Standard Table Engine). The issue was localized in the translation units in the CdrTable.dll. The recommended workaround was to turn off the CJKT multi-byte support.
ALM 12104	482649	Tables	When training a project for extraction in Normal Train mode, if the last field is extracted by single-clicking on a highlighted candidate, the Designer application closed abruptly.
ALM 12046		Fields	The error dialog when a user created a duplicate field or table displayed a user reported error which was not user friendly. The error dialog should have displayed an appropriate icon and user friendly text.
ALM 12038		Training	When working with a multipage document with different page sizes, being on page 2, the aspect ratio of the document changed incorrectly to that of page 1 while rubberbanding and learning the table line. When the user was learning table lines in a document which had different sized pages, often the page image was resized so as to match the aspect ratio of the first page.
ALM 12036		Training	An error message was displayed while analysing a document in Definition Mode. When the user analysed the document in Definition Mode, and in Normal Train Mode learnt the first document in the batch, opening a new document of a batch and re-analysing in Definition mode, the error message below was displayed: "This document does not contain any field to be verified!"
ALM 12034		Training	When working with a multi-page document where each page has different size (Page 1 A5, P2 A4, etc), the aspect ratio of the document page changed incorrectly in Designer. In Normal Train Mode, when the user selected any table and tried to move to other table fields in the same class, the aspect ratio changed incorrectly. If this was repeated a few times, the aspect ratio of the page changed.
ALM 12008		Tables	When the user opened a document for training in Designer - Verifier Train Mode, in some project files utilizing a table control configured for Generic Table Extraction, an error would be thrown: "Failed to load document, because: Automation error The object invoked has disconnected from its clients" Navigating back to Definition mode and to the Verifier Train Mode may result in the Designer Application closing abruptly.

ID	Support #	Affected Feature / Engine	Description
ALM 12007		Tables	When working in Definition Mode, and the user analysed a document, if the project utilized a Table configured for Generic extraction, the application may close down abruptly when the user clicked on the table control directly after document analysis in Definition Mode.
ALM 11998		Tables	The learning of a specific document line as Secondary Line failed when following certain steps. There was no indication to the user as to the reason for the failure. However, if the procedure was varied slightly, the same line was learned as a Secondary line in the same project without issue.
ALM 11992		Tables	When a document was trained with the Correct Tables feature, on a project enabled for Generic Line Item Extraction, it was noted that if the document contained more than one table, it was possible that one of the tables could highlight lines in green during Correct Tables. In this instance it could have misled the user to think that the table should have extracted the columns as the lines appear learnt. The correct behavior should have been that no lines highlighted until manual training was performed by the user to select which are the correct lines or table to learn.
ALM 11988		Tables	Depending of the settings (advanced) of a table field, it was noted that the user could not learn a primary line with a secondary line. When they attempted to rubberband the secondary line and train it, nothing occurred and no error message was presented to the user.
ALM 11987		Tables	When the User worked in Normal Train Mode, and attempted to train the Table field lines on the second (or subsequent) page of a Multipage document, the table could be correctly trained to identify the lines. However, when the user switched to show Column highlighting, no columns were highlighted and the table columns could not be learnt. This issue only occurred in Designer (Normal Train Mode) when attempting to learn a table from any page other than the first page. This has been corrected in this release.

ID	Support #	Affected Feature / Engine	Description
ALM 11921	PS179	Brainware Table	In Designer, when extraction is performed using a project with a Brainware Table extraction field and document containing multi line rows, the table lines were being extracted differently every time extraction was performed. For example, if the table contained 5 rows, 15 lines (3 lines per row), each time the document was analysed in Designer, the number of rows extracted into the table field would change (sometimes 5, 6 or 10 rows). In addition, some of the lines extracted were untrained lines which were not applicable to the table. This issue has been corrected in 5.5 SP2.
ALM 11875	00464495	Tables	After hiding and reordering of table columns in the Designer application, the column headers appeared corrupted in the Designer/Verifier application.
ALM 11866		Brainware Fields Extraction	When the Runtime Server, or Designer, applications performed extraction using the Brainware Fields Extraction engine, it was noted that on some documents the application would close abruptly. When the same documents were analysed/processed once more, the applications would close. The behavior would repeat consistently for those documents. It was noted that the issue occurred for less than 1% of the documents processed. The following behavior would appear for each application: 1) The Runtime Server would terminate on processing the document, then on the 3rd attempt of processing the document, it would place such documents into an erroneous state (250/550 depending on workflow). 2) The Designer application would terminate on performing extraction on the document. 3) The Verifier application would terminate on performing automatic extraction on the document, after manual classification was applied.
ALM 1479		Tables	On certain tables, it was not possible to unmap columns from the table control header.

Verifier (thick client)

ID	Support #	Affected Feature / Engine	Description
ALM 12353	576208	CdrWkDoc, CdrProj	A verifier crash related to certain type of document has been fixed. The CdrWkDoc log file contained the following line at the time of the issue: LErr:0|hRes:0|include\CroTempl.h|Tue Oct 2 16:53:46 2012|150|A|nIndex >= 0 && nIndex < m_nSize
ALM 12240		Verification	When Chinese Pinyin IME method was used for entering Chinese characters in fields or table cells, the Verifier application could close abruptly.
ALM 12231		Tables	If Chinese (CJK) text was entered into a Table Cell using a Windows IME method, all changes to the cell value were lost when pressing ENTER.
ALM 12213		User Interface	When configuring a display name to a project class or field with Chinese/Japanese/Korean characters, the application did not display the correct CJK characters to the user (in Field Name or Class Name). For an existing class (or field) display name, if Chinese characters were used in a previous version of the product in the display name, then it will not correctly display when the project is loaded in 5.5 SP2. The display name will need to be re-entered and the project saved for the characters to be displayed correctly.
ALM 12184		Verification	When using Windows IME input methods to enter Chinese, Japanese, or Korean text in Verifier fields, the value which was input and shown was not the value that was saved to the workdoc. After inputting text in the form field, the value shown in the Snippet Viewer was incorrect and refelected what would be saved to the workdoc, and vice versa (i.e. if editing was done in the Snippet Viewer, the form field would show the value that will be saved).
ALM 12181	546385	Tables	In some rare instances, the Brainware Table Extraction engine could incorrectly detect the last anchor line for the currently extracted table. The usage of the line object, obtained by the wrong line index, could cause instabilities within the Brainware Table Extraction operations (such as Learn Line, Map Column, etc). The issue would occur when very specific combinations appeared of the current Learnset state, OCR'd characters on the processed document, and the number of pages in the document.

ID	Support #	Affected Feature / Engine	Description
ALM 12144	486005		In order to facilitate the extraction of single character values, the resize controls of newly selected extraction regions are locked. These controls are made available by clicking once on the seleted region.
			However, if a region is selected by clicking on a single OCR value, clicking once on the selection may not always remove this 'lock'.
			This has been corrected such that a single click will unlock the resize controls.
ALM 12140		Verification	In order to facilitate the extraction of single character values, the resize controls of newly selected extraction regions are locked. These controls are made available by clicking once on the seleted region.
			However, the controls differed depending on whether a table cell or a field was selected. The controls have now been synchronized.
ALM 12117	497634	Tables	When learning line items, it was noted that extra lines were raised incorrectly, and when clicking "learn as wrong line" it did not allow for removal of incorrect lines. Therefore it was not possible to unlearn incorrect lines.
ALM 12111		Script	The event "VerifierException" was incorrectly fired from the "OnAction" script event. This has now been corrected.
ALM 12094	485031	Verification	A considerable performance deterioration was observed when opening or closing batches within the Verifier application.
ALM 12086	502707		The Verifier application could stop working and close down abruptly when opening a batch to verify.
			After implementation of a new method in Cedar Workdoc that allowed to obtain lines extracted by the system for specific pages, it was possible to take into account not only the table lines extracted by the core Intelligent Capture engines, e.g. the Brainware Table Extraction, but also the lines extracted by the Intelligent Capture custom scripts without core engines being involved.
			This new method proved to be a significant enhancement. However, in some very rare cases, when accessing the collection of the lines in Intelligent Capture, the system tried to access the elements with an index being greater than the amount of the line objects available in the Workdoc. This could then cause an unforeseen exception.
			Now, a modified succession logic and an additional check routine for the amount of available line objects is in place to solve this issue.

ID	Support #	Affected Feature / Engine	Description
ALM 12063		Page Reordering	If document pages were reordered via drag-and-drop in the Document list ('Tree') view, the resulting TIF included the original document pages with the dragged pages appended, i.e. each reordering action added a new page to the document. The issue was observed both in Database and File system batch.
ALM 12048		Usability	In some complex projects, when the Undo option was used, the Verifier application could close abruptly.
ALM 12042		Tables	When the user performed table correction on a table control with hidden columns, the application could map data to incorrect columns via several different 'Map' 'Unmap' and 'Swap' controls. If these actions were applied to a column to the right of one or more hidden columns, certain actions would be applied to an earlier column (shifted to the left by the number of previous hidden columns).
ALM 12041		Tables	When verifying invalid table cells/rows in Verifier, it was noted that on a large table, as the verification of invalid cells continued, the performance of validation degraded. Further analysis determined that when the user validated a cell/row, script events were being fired for all previous validated cells/rows. This meant that as the user continued to validate the table, the performance could degrade on a large table due to events firing. This behavior has been corrected in this release, and now only the currently validated cell will trigger validation and scripting events. Previously validated cells will not fire scripting events unless the user performs an action within them.
ALM 12040		Tables	When a project was configured to perform balance validation on rows via script, for example to check SUM of two table columns are correctly adding to value of Third column. If the user corrected a balance error in a table cell from the second or third column, all three table cells correctly all became valid, but the user was shown with an error "Table Row is invalid". The correct behavior was for the table row to show as valid when all table cells were set to be valid.
ALM 12039	486005	Tables	A previous change in the 5.0 facilitated the extraction of single character values by implementing a 'lock' on the move and resize controls of newly created rubberbanded regions. These controls would only be made available after clicking once on the rubberbanded region. This 'lock' has been removed in the case of the move control. This enables a rubberbanded region to be immediately dragged to a form field without the need of an additional unlocking click. Note that the 'lock' remains in place for the resize controls.

ID	Support #	Affected Feature / Engine	Description
ALM 12037	492066	Tables	User was unable to re-size the rectangular box drawn at first attempt in Invoice form/document in Verifier.
ALM 11984		Tables	When the verifier user tried to extract any Column of the Table which had multiple lines, the extracted lines in the table are mixed together or repeated.
ALM 11872		Tables	When validating table data, it was noted that if the table cell contained two lines where reject-symbols (red chars) appeared on any line other than the first one, then the table cell could not be validated.
ALM 11866		Brainware Fields Extraction	When the Runtime Server, or Designer, applications performed extraction using the Brainware Fields Extraction engine, it was noted that on some documents the application would close abruptly. When the same documents were analysed/processed once more, the applications would close. The behavior would repeat consistently for those documents. It was noted that the issue occurred for less than 1% of the documents processed. The following behavior would appear for each application: 1) The Runtime Server would terminate on processing the document, then on the 3rd attempt of processing the document, it would place such documents into an erroneous state (250/550 depending on workflow). 2) The Designer application would terminate on performing extraction on the document. 3) The Verifier application would terminate on performing automatic extraction on the document, after manual classification was applied.
ALM 11632		Tables	When the user selected the first row of a table, the first table row on the document was not highlighted. The same behaviour also occurred if the user selected the full table or any column (the first row cell was not highlighted). This behavior was only seen with the "Insert to table as a column" selection option.
ALM 10907			With a project where a table column was hidden, when the Verifier users attempted to extract data to visible table columns using the 'Map Column' option, the data was extracted to the wrong columns.
ALM 10716		Tables	In some instances, it was possible that the table columns were displayed empty when the user attempted to learn lines and map column to table fields.
ALM 7231	458265	Verification	Sometimes, the 'Add document to Learnset' icon was shown with a lock symbol. This did not occur consistently and was intermittent.

Web Verifier

ID	Support #	Affected Feature / Engine	Description
ALM 12239		Tables	When working with tables in DFI and the Correct Tables icon, attempting to learn lines, the user was incorrectly prompted with an error stating "Invalid index for textline". This error has been corrected and is unique to certain types of tables.
ALM 12217		Verification	If a Verifier user entered Chinese characters in the snippet on the form using the Chinese Simplified keyboard(Microsoft Pinyin input style), then the data was lost when the field was validated by pressing the ENTER key or if the snippet text area was clicked with left mouse button.
ALM 12213		User Interface	When configuring a display name to a project class or field with Chinese/Japanese/Korean characters, the application did not display the correct CJK characters to the user (in Field Name or Class Name). For an existing class (or field) display name, if Chinese characters were used in a previous version of the product in the display name, then it will not correctly display when the project is loaded in 5.5 SP2. The display name will need to be re-entered and the project saved for the characters to be displayed correctly.
ALM 12178		Verification	In case document fields were modified in a multi-document batch and the document was not saved, when the user navigated to the next document they were prompted to save changes. If the user selected No to discard the changes for the document and then latser navigated back to the respective document, the modifications made were still shown. This was not correct behavior as the user selected No when prompted to save the changes. As a workaround, the user needed to return to the batch list and reopen the batch to see the original field values for the unmodified document. The behavior has been corrected in the current release.
ALM 12177		Supervised Learning	With DFI 1007, when applying global extraction on a document which was created from Runtime Server with the "Display Format" setting enabled, an exception error was returned to the user. This could also appear as a timeout exception later on in verification. The error returned to the user was "WDC table changes name is invalid".

ID	Support #	Affected Feature / Engine	Description
ALM 12170	00533021	Verification	DFI BPO V2.0 can be configured with double verification of documents, a document is verified from Status 550 to 699, and then a second verification takes place to move the document to 700. A Java script error was raised when verifying the document at Status 699. JS Error: SCRIPT5007: Unable to get value of the property 'items': object is null or undefined: line 46568 character 13 The behavior has been corrected so that double verification is possible.
ALM 12129		Tables	Given a DFI project with a table which contained data extracted by the RTS and project script and some hidden table columns (Designer visible settings disabled), if the user attempted to delete a table row, the Web Verifier returned a JavaScript Error as below: Error-1 : Line: 4779 Error: 'selectedRows' is null or not an object This error lead to one more JavaScript Error as below: Error-2 : Line: 128 Error: Could not complete the operation due to error 80020101.
ALM 12126		Verification	In some cases, a time out error message appeared if a dialog was closed by the Enter key pressed multiple times in rapid succession. The 'virtual click' invocation time has been adjusted to prevent bad interference of operations. Additional information logging – when command fails its name, parameters and optionally inner command with parameters are written to the trace.log file. Some commands (like close dialog command) wrap other commands so they would display their inner command with parameters in case of failure.
ALM 12103	PS180	Verification	When verifying a batch to completion, with a batch view that restricts batches to display batches based on an ExternalBatchID, it was noted that completing verification resulted in the next batch to verify being opened which was outside the filtering conditions specified in the Batch View. This has now been corrected so that the next batch to verify will be presented to the user based on the filtering conditions specified.

ID	Support #	Affected Feature / Engine	Description
ALM 12101		Sorting	In Batch view, batches ordered by Last User/Module, when the Verifier user opened a batch and returned to the Batch view, a JavaScript error was thrown: Line: 6126 Error: Exception thrown and not caught
ALM 12100	458617	Verification	Inconsistency of application behaviour was observed when releasing a batch. If a batch filter was used in the batch list, after batch release, the user received the error 'All batches which are not filtered, currently not locked and correspond to the designed workflow have been verified. Please refresh batch list (or check current filtering) to make sure that project validation is copletely finished at the moment.' However, there were still batches to be verified in the list, but the application did not automatically open them.
ALM 12099	465998	Verification	When attempting to verify batches, it was noted that the users received an error on batch verification completion: "The multi-part identifier "BDD_ExternalBatch.Name" could not be bound". The error was raised each time the users were attempting to select Verify Next Invalid Batch from the Batch Completion dialog box. It was also noted that an "Object reference not set to an instance of an object" was shown briefly when attempting to return to the batch list. The error was raised due to a long SQL text being passed to the database to retrieve the next batch to verify. The long SQL text was generated due to over 80 extraction verification states specified in Workflow settings, plus an additional Filter text on BatchExternalID. The combination of both exceeded the allowed SQL string text passed to the database to retrieve the next batch to verify, thus generating an error message. The number of supported states in the Workflow Settings for extraction, have been increased to allow for at least 200 states.
ALM 12098	458615	Verification	When the next document to verify is presented to the user, the fields could appear incorrectly as locked (read-only) on a new document to verify. One such example of the issue could appear if the last invalid field on the previous document was validated with additional key strokes made after pressing the ENTER key on the last invalid field. This issue was repeatable in IE (version 9 compatibility mode), but was not seen in Firefox.

ID	Support #	Affected Feature / Engine	Description
ALM 12078		Tables	The Web Verifier raised a JavaScript error when the user attempted to Add Row, Append Row, Insert Row, Clear Rows from the table field. Line: 93874 Error: 'selectedRows' is null or not an object
ALM 12073		Tables	Using a multi-page document, while attempting to map column, a JavaScript error was thrown as shown below. Line: 89747 Error: Unable to get value of the property 'name': object is null or undefined
ALM 12047		Tables	In WVC, when working with Table cells, it was observed that when any candidate was entered starting with '\x' after it was validated and a new row was inserted some errors could be thrown: [1] Enter '\x cdf' in table cell; hit Enter key to validate and insert new row – it returned the error below; Line: 12424 Error: Could not complete the operation due to error 80020101. [2] Enter '\ x cdf' in table cell; hit Enter key to validate it and insert new row – a new row added and backslash '\' removed from the inserted candidate i.e. 'x cdf' [3] Enter '\xcdf' in table cell; hit Enter key to validate it and insert new row – a new row added and entered value changed from '\xcdf' to 'If'. [4] Enter '\4566' in table cell; hit Enter key to validate it and insert new row – a new row added and entered value changed from '\x4566' to 'E66'.
ALM 12026		Tables	When the user verified a Table field, if a long description was entered manually and ENTER pressed to validate, if the user double clicked on any of the table buttons i.e. Insert new row or Append new row. An error was displayed to the user which showed the following: Type 'Newtonsoft.Json.JsonSerializationException' in Assembly 'Newtonsoft.Json, Version=3.5.0.0, Culture=neutral, PublicKeyToken=30ad4fe6b2a6aeed' is not marked as serializable. Once this error is raised, the user could not insert/append rows.

ID	Support #	Affected Feature / Engine	Description
ALM 11985	461876 492118	Dialogs	Working with DFI, when the PO number was changed by the verifier user, in a scenario where a DB lookup was invoked to verify that the PO is matching a different Vendor, an information dialog box should be displayed proposing to change the Vendor. This dialog was not displayed in WVC unless the PO number field was empty before the new PO number was entered. When an invalid/valid PO number is edited in the field and then validated, the dialog box was not displayed. Workaround: Clear the PO Number field completely and validate it, then enter the correct PO number and validate it. The dialog box will be displayed correctly.
ALM 11962	PS180	Verification	When performing extraction verification, if the verification field (eg Date) was extracted correctly, it was noted that when the verifier user navigated to this field, where previous focus was on another page, the red rectangle selection (rubber band) appeared on incorrect pages after navigating from another field. For example, if the Date Field extracted from Page 1, and the user was on Invoice Number field which had Focus on Page 2, when the user selected the Invoice Date field, the field highlighting was shown in the correct page area, but on Page 2 instead of Page 1. The page focus should have changed to page 1 after selecting the date field. This behavior has been corrected in this release.
ALM 11940		Authentication	If PasswordExpires Database attribute was set to 0 for a user, a dialog should have been presented to them when they attempted to log in to WVC. Instead, a JavaScript error was shown "Unable to get value of the property 'getDialog': object is null or undefined". This has now been corrected.
ALM 11936		Page Verification	In document separation workflow, if CTRL+ENTER was used in quick succession to verify pages from unsure to sure state, the UI displayed that pages were changed to reflect the correct status of actions. However, when the user refreshed the view, some of the sure pages were changed from sure to unsure. The issue was that whilst multiple CTRL+ENTER commands were used in succession, some of those commands were not recorded correctly. This has been resolved in the current release.

ID	Support #	Affected Feature / Engine	Description
ALM 11929	461876	Validation	When using DFI and validating the PO Number field, the Vendor Confirmation dialog box was displayed to the user. However, once the OK button was selected, another dialog box was presented with the following error: Object reference not set to an instance of an object. This erroneous behavior only occurred when using Windows Authentication with Web Verifier.
ALM 11927		User Interface	When the user logged into Web Verifier for the first time, it was noted that the Loading Project dialog box did not contain the project location information. This meant that the user could not determine which project was being loaded.
ALM 11532		User Interface	Print hotkey has been changed from CTRL+P to CTRL+0 due to a interference with the default IE print dialog.
ALM 10869	15093-27436 492118	Fields	Having a stored value in pField.Text, when user entered any other value into the according field, the newly entered value was stored instead to changing back to the stored value which was not correct.
ALM 7298	22405	User Interface	An endless "Loading data..." message box appeared if there was a short network outage. During network outage, the Timeout did not work.

Learnset Manager

ID	Support #	Affected Feature / Engine	Description
ALM 11944		Authentication	When a Windows domain user tried to launch the Learnset Manager, an error was shown to the user: 'Failed to connect to Common knowledge base connection to the job failed. Invalid Username/Password'. The user would not be able to launch the Learnset Manager. This issue was only occurring for a Intelligent Capture user with Windows Authentication enabled.

Runtime Server

ID	Support #	Affected Feature / Engine	Description
ALM 12237		Import	When the Runtime Server instance performed Email Import, it was noted that the instance may hang on certain emails. The error was returned due to an inconsistent behavior of MAPI when working with empty strings.
ALM 12024	15093-30138 455544	ASE Pools	In some instances, the Runtime Server Instances could experience crashes when processing documents using the a project with large pool files (millions of records).
ALM 11923		Brainware Fields Extraction	When the Runtime Server, or Designer, applications performed extraction using the Brainware Fields Extraction engine, it was noted that on some documents the application would close abruptly. When the same documents were analysed/processed once more, the applications would close. The behavior would repeat consistently for those documents. It was noted that the issue occurred for less than 1% of the documents processed. The following behavior would appear for each application: 1) The Runtime Server would terminate on processing the document, then on the 3rd attempt of processing the document, it would place such documents into an erroneous state (250/550 depending on workflow). 2) The Designer application would terminate on performing extraction on the document. 3) The Verifier application would terminate on performing automatic extraction on the document, after manual classification was applied.

Scripting

ID	Support #	Affected Feature / Engine	Description
ALM 11652		Exception Events	When reclassifying a document, it is noticed that the 'Verifier Exception Event' is not launched in Event Trace log. Same issue was noted on validating a field. No exception events were generated into logs. This error only occurred in the case of reclassification. This was due to the implementation of a temporary registry key which now is no longer in use.

Installation

ID	Support #	Affected Feature / Engine	Description
ALM 11977		Install Shield	Displaying of the White Label branding was incorrect on some of the Installation screens, where the company name was also in the product name.

Documentation

ID	Support #	Affected Feature / Engine	Description
ALM 12168		Web Verifier	Information on the new feature 'AllowAccessToDocumentsToIndexOnly' has been added.
ALM 12119		Scripting	Updated information has been added on pWorkdoc.docfilename(index) to document behavior change between versions 5.3SP2 and 5.5SP1.
ALM 11981		Scripting	Information on the feature 'IgnoreAnalysisFailures' has been updated.
ALM 11975		Migration Guide	Confusing interferences between Migration Guide and Installation Guide have been cleaned up.
ALM 11974		Scripting	Information on the new Workdoc property 'SkipTableCellMassValidation has been added.
ALM 11972		Installation Guide	The information on user session timeout in Web Verifier has been updated.

Release 5.5 SP1

General Notes

This document, the Release Notes for Intelligent Capture version 5.5 SP1, contains descriptions of defect corrections and software extensions identified by Customers, Support, and the Professional Services implementation teams.

Compatibility

Backwards Compatibility

Please review the backwards compatibility sections of the previous releases.

Internal Compatibility

Note: Beginning with version 5.4 all implementations should be using the Database option, not the file system. Customers with a file system that want to upgrade to versions beyond 5.3 SP2 will be required to upgrade to Database.

The baseline capabilities of Intelligent Capture 5.5 SP1 are fully backward compatible with previous versions. Existing projects can be upgraded to **Version 5.5 SP1** by following the instructions in the *Migration Guide*. However, projects built with **Version 5.5 SP1** cannot be used in earlier versions.

Changed User Authentication Settings

Note that from version 5.5 SP1 on, also for local projects which are configured with a database job, the setting 'Allow Database Authentication' needs to be enabled in addition to the setting 'Allow Windows Authentication'. Furthermore, the users need to be exported to the database. Otherwise, when launching the project in the Verifier application, the user would receive an error notification.

To review and to enable this setting:

- Select Options → Users, Groups and Roles.
- Enable the option 'Allow Database Authentication'.
- Review users in database and configure them if needed.
- Save the project!

Template Classification Engine Removed

The automatic creation of classification subclasses is now performed by the Brainware Layout Classification engine. The previously used Template Classification engine has been removed from the product. Please refer to the Designer User Guide for further details.

Changed Variable Types in Script

Note: These changes occur automatically within the project scripts when the project is loaded. However, the information below is useful when manually editing the scripts.

The variable types have changed as follows:

1. Using the *new* operator for COM objects:

Instead of new SCBCdrPROJLib.SCBCdrWorkdoc   use   new SCBCdrWorkdoc

Instead of new SCBCdrPROJLib.SCBCdrField   use   new SCBCdrField

Instead of new SCBCdrPROJLib.SCBCdrTable   use   new SCBCdrTable

Instead of new SCBCdrPROJLib.SCBCroCollection   use   new SCBCroCollection

2. Instead of using some coclass names as types for the variables, interface names should be used as follows:

Instead of SCBCdrWorkdoc   use   ISCBCdrWorkdoc

Instead of SCBCdrField use   ISCBCdrField

Instead of SCBCdrTable   use   ISCBCdrTable

Instead of SCBCroCollection   use   ISCBCroCollection

If you copy script pieces from old projects containing the old variable types, there is a way to avoid manual correction of them. (*This workaround relates to defect 11873.*)

To apply the changes at once:

1. In the Designer application, edit your script.

2. Press the *Start Resume* button in order to evaluate your script. An error will be thrown saying that the object could not be recognized.

3. Switch to a different mode within Designer.

4. Switch back to the mode you were working on. The changes to the variable types are applied.

External Compatibility

Version 5.5 SP1 is certified to work with the following operating systems:

- Windows 7

- Windows Server 2008 R2

Version 5.5 SP1 is certified to work with the following database platforms:

- SQL Server 2008 R2

- ORACLE 11

Version 5.5 SP1 is certified to work with VMware ESX 4.1.

Version 5.5 SP1 is certified to work with Internet Explorer 7 and 8.

New Features

General & Designer

ID	Affected Feature / Engine	Description
	Classification engine	The automatic creation of classification subclasses is now performed by the Brainware Layout Classification engine. The previously used Template Classification engine has been removed from the product.

Web Verifier

ID	Affected Feature / Engine	Description
	User Experience	Some of the menu options are now accessible by hotkeys.

Tools

ID	Affected Feature / Engine	Description
ALM 11114	Project Migration Tool	The Project Migration tool has been improved to maintain script references in the Target project during project migration. In earlier versions of the tool, the reference(s) would need to be manually re-added to the script pages.

Fixed Defects

Designer & Database

ID	Support #	Affected Feature / Engine	Description
ALM 11899		Regular Expressions	When creating a Regular Expression with backslashes (\) as per the documentation - [a-z]\{2,5\}, it was noted that the regular expression definition did not highlight the corresponding candidates, even though they were correctly OCRed. Removing the backslashes correctly highlighted the candidates.
ALM 11886	00464004	Database Security	When setting the CONFIG files to use Password Encryption, it was noted that the attempting to authenticate with an ORACLE database was not working, whilst connecting to SQL Server was working as expected. This has been corrected and both, ORACLE and SQL Server configurations, will support the Password Encryption feature.
ALM 11771			Regular expressions did not work with extended ASCII or CJKT character sets. This has now been corrected.

ID	Support #	Affected Feature / Engine	Description
ALM 10615			When the user clicked on the 'Classify/analyze current document' button and entered negative values for 'Amount range' without any input format, warning message was displayed more than once. Also when the user entered the negative values for 'Amount range' with input format, a warning message was displayed more than once. After the user clicked 'Ok' for the first time on the warning message it was displayed again and again 3-4 times, and then the dialog was closed.
ALM 10388	24848		The VBScript interpreter (cscript.exe) was crashing during loading project with DEP enabled. This was due to an out-dated compiler.

Verifier (thick client)

ID	Support #	Affected Feature / Engine	Description
ALM 11730			When opening the Document Tree View in Verifier and comparing to Web Verifier, it was noted that the Verifier thick client was not ordering the folders in sequence, but ordering them out of sequence. For a batch containing 15 folders, the following order was seen in Thick Verifier (TVC) and Web Verifier (WVC): TVC Folder 1, Folder 10, Folder 11, Folder 12, Folder 13, Folder 14, Folder 15, Folder 2, Folder 3, Folder 4, Folder 5, Folder 6, Folder 7, Folder 8, Folder 9 WVC Folder 1, Folder 2, Folder 3, Folder 4, Folder 5, Folder 6, Folder 7, Folder 8, Folder 9, Folder 10, Folder 11, Folder 12, Folder 13, Folder 14, Folder 15, WVC displayed the correct ordering.
ALM 10219		Tables	After extracting data to a table cell, when navigating to the next document, it was noted that the user was not prompted to save the changes. If the user attempted to return back to the batch list after manually extracting data to a table cell, the user was also not prompted to save the document. The correct behavior was that the user should have been prompted to save the document.

ID	Support #	Affected Feature / Engine	Description
ALM 10163	25138 30384	Batch Specific	When attempting to use a verifier configuration of "Batch Specific Project file", the first user was able to open and verify batches without an issue. The second user attempting to open a database batch to verify received an error message stating "User is already logged in error". The setting only allowed for one user to verify a batch when using a Database. This has now been corrected.

Web Verifier

ID	Support #	Affected Feature / Engine	Description
ALM 11878	464841	Page Verification	When working in the Document Separation workflow, when all pages have been accepted either by cut/append or by using the "Accept/Reject Next Unsure page" menu, a release batch dialog should have been displayed to the user to allow the user to select the next verification action, for example 'Verify next invalid batch'.
ALM 11802		Tables	Web Verifier now supports Dynamic changing of Table column headers via custom script. This allows the Scripter to set the table column header labels via custom script during the form loading event.
ALM 11794 ALM 11795			An endless loading box could appear if Web Verifier was configured with 'Automatic Batch Refresh' or if the user was quickly sorting multiple times columns in the batch list. No message was shown in trace.log. The loading needed to be closed in order to continue work. This has now been fixed.
ALM 11714	29400 - 00458604	Verification	If a dialog contained buttons, such as Cancel/Search, and the user pressed the keyboard ENTER key in succession, the application may experiencing some problems whilst some pending requests were not finishing. A time out may occur after 2 minutes or at various intervals during verification. This has been corrected so that pressing ENTER key in succession within Custom Script dialogs is handled correctly.
ALM 11462		Page Verification	In the Document Tree view, when the user selected the option 'Select Next Unsure page', no visible change was noted in the batch. The correct behavior should have been that the user would be navigated to the next invalid page in the batch. This was not occurring even though the batch contained unsure pages.

ID	Support #	Affected Feature / Engine	Description
ALM 10312		Page Verification	When the user was in the Document Tree view, after they performed an append on two documents in a sure state, it was noted that the sure pages were incorrectly changing to unsure pages but the document status was set to output state of Document Separation..
ALM 7106		Page Verification	When verifying pages in the Document Tree view, the 'Select Next Unsure Page' option worked only within the document not beyond that. On clicking 'Selecting Next Unsure Page' option, the selection went to next unsure page of the document and when selection went to the last page of the current document, 'Select Next Unsure Page' option became greyed out. The correct behavior should have been that the menu item should have remained enabled as other documents had unsure pages to verify.

Runtime Server

ID	Support #	Affected Feature / Engine	Description
ALM 11850		Stapling	When stopping and restarting an RTS Instance which is performing stapling, an error could be thrown in the MMC console and the logs. After restart of the RTS instance to complete the batch, the stapled (output) document was corrupted. The number of pages shown was incorrect and displayed a larger number of pages than the expected page count.
ALM 11847	30922	Stapling	When stapling documents which had different orientation, the auto-orientation was correct after OCR but this was lost after the stapling operation. This has now been corrected.
ALM 11838	31195	Stapling	When importing files (40 single page tiff files) and performing stapling on these, instead of getting 1 Workdoc Document with 40 pages, 40 Workdoc files with 40 Image Files were created. The first document (both Workdoc and its corresponding TIFF file) of the batch contained all stapled information, and the corresponding TIFF file had 40 pages which was correct behavior. However, the other documents (Workdoc and Tiff) were not removed from the batch. As a consequence, the Verifier saw 1 Batch with 40 documents, the first one having 40 pages and then 39 documents having one page.
ALM 11830	30922	Stapling	When the Runtime Server instance was performing Stapling operation, it was noted that the time taken for the WorkDoc/documents to perform the stapling increased exponentially as the number of pages stapled to the document increased. The performance of the Stapling has been significantly improved in this version.

ID	Support #	Affected Feature / Engine	Description
ALM 11768	30024		Designer hangs while analyzing the document with a project using Phrase Classification engine. Classification failure was noticed and Designer went into a non recoverable state. Subsequently, the RTS application abruptly closed. This happened if the string for the format settings was empty.

Scripting

ID	Support #	Affected Feature / Engine	Description
ALM 11652		Exception Events	When reclassifying a document, it is noticed that the 'Verifier Exception Event' is not launched in Event Trace log. Same issue was noted on validating a field. No exception events were generated into logs. This was due to the implementation of a temporary registry key which now is no longer in use.

Tools

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11183		Workdoc Browser	Filtering	When the user entered an incorrect filter, the user was not notified there was an error in the Filter until they attempted to expand the job. The correct behavior was that the user should have been notified of a problem immediately after closing the Filter dialog box.

Release 5.5

General Notes

This document, the Release Notes for Intelligent Capture version 5.5, contains descriptions of defect corrections and software extensions identified by Customers, Support, and the Professional Services implementation teams.

Compatibility

Backwards Compatibility

Please review the backwards compatibility sections of the previous releases.

Internal Compatibility

Note: Beginning with version 5.4 all implementations should be using the Database option, not the file system. Customers with a file system that want to upgrade to versions beyond 5.3 SP2 will be required to upgrade to Database.

The baseline capabilities of Intelligent Capture 5.5 are fully backward compatible with previous versions. Existing projects can be upgraded to **Version 5.5** by following the instructions in the *Migration Guide*. However, projects built with **Version 5.5** cannot be used in earlier versions.

External Compatibility

Version 5.5 is certified to work with the following operating systems:

- Windows 7
- Windows Server 2008 R2

Version 5.5 is certified to work with the following database platforms:

- SQL Server 2008 R2
- ORACLE 11

Version 5.5 is certified to work with VMware ESX 4.1.

Version 5.5 is certified to work with Internet Explorer 7 and 8.

New Features

General & Designer

ID	Affected Feature / Engine	Description
	Classification engine	The automatic creation of classification subclasses is now performed by the Brainware Layout Classification engine. The previously used Template Classification engine has been removed from the product.

Verifier (thick client)

ID	Affected Feature / Engine	Description
R 335	Verification	New verification form layout styles have been introduced. It is now possible to place a form on the right side of the Verifier window. This feature is only available in Verifier. The Web Verifier application will display the default layout style if one of the new styles is used within the project.
	Verification	Improved page navigation for multi-page documents. It is now possible to navigate to the first or the last page with a single click. Furthermore, an input box can be used to type in a specific page number in order to navigate to it.
	Verification	The verifier application now provides the possibility to allow the user to select multiple rows of column data and Insert these as individual rows into the table. The feature will enable the user to map table contents easily, for those tables which do not support the Correct Tables ability. One such example are the Stacked Table documents, where table columns repeat within a page.

Web Verifier

ID	Affected Feature / Engine	Description
	User Experience	Some of the menu options are now accessible by hotkeys.
	Performance	The overall performance, and especially for the document navigation as well as the page navigation procedures, has been improved compared to earlier versions of Intelligent Capture.

Tools

ID	Affected Feature / Engine	Description
ALM 11114	Project Migration Tool	The Project Migration tool has been improved to maintain script references in the Target project during project migration. In earlier versions of the tool, the reference(s) would need to be manually re-added to the script pages.

Fixed Defects

Designer & Database

ID	Support #	Affected Feature / Engine	Description
ALM 11624		Verifier Design Mode	The Designer application could hang if the project was loaded when the user was in the Verifier Design Mode. After loading of the project, if the user selected a class from the list, the application would freeze.
ALM 11545		Zones / Anchors	When working with Zones and Anchors, it was noted that a GDI leak was occurring after the creation of each zone/anchor.
ALM 11508		User Interface	When script error occurred in the Designer application, 'Script Error' dialog with message 'Error in Script! Do you want to Debug the script code?' was displayed. Upon clicking on 'Yes' or 'No' button, in both the cases the script editor was displayed.
ALM 11405		Classification	The Learnset documents which were assigned to the Brainware Layout Classification engine could not be trained. The Designer application would show a status dialog briefly before closing the dialog down. After learning, all the Brainware Layout classes would then display an 'Unlearned' status.
ALM 11241		Learning	In some instances, the Designer application could hang during Learning of classes trained with the Brainware Layout Classification engine. The Designer application would show a message at bottom stating "Compiling for Brainware Layout Classification", and after sometime it may show a runtime error message on the screen stating "Cannot compile. Creating Dictionary failed…". The hanging was caused by insufficient samples added to the Learnset for a class. The error handling has been improved for the Designer Training to provide the user feedback on invalid/incomplete Learnsets.
ALM 11231		Launch Screen	The splash screens for the applications launched have had the Company logo updated.
ALM 11167		Verifier Test Mode	When opening a batch for verification in Verifier Test Mode, it was noted that the focus was not placed on the first invalid field to verify. The user had to manually place focus in the field in order to verify it.
ALM 11028		Definition Mode	The Designer application may hang, in the event that a project had more than two table fields in a class, and attempted to delete any field using 'Delete Field Definition' option. This has now been corrected in this release.
ALM 10990	28277		See defect 10761.

ID	Support #	Affected Feature / Engine	Description
ALM 10959		Tables	When the user tried to add a table field in Designer for a new project, an error message was raised 'Automation error: The object invoked has disconnected from its clients'.
ALM 10926	PS0167	Import	When a batch imported with a different directory path for 'Batch-Root' and 'Image-Root', and the RTS processed it, the newly created batch, when opened in Designer, returned an error message 'Failed to load document, because: could not load workdoc C:\SLW demo us\batches\0000005\000000473.wdc!'.

The batch would then be corrupted and could not be recovered. |
| ALM 10921 | PS0131 28067 | OCR/Cairo Zones | For specific zone preprocessing routine, an error was returned indicated as follows:

'Error extracting the class 'MyClass', field 'MyKadmosZone':Invalid Rectangle Specified'

This error caused extraction failure on the document for other fields. |
| ALM 10883 | | Users/Groups | The Designer project User settings on a German OS were corrupted. The two checkbox fields for user security (Database and Windows) were overlapped and could not be used correctly. |
| ALM 10827 | 26781 | Scripting | In Designer, Definition mode, on Class tab, when user classified/analyzed a document and re-launched Designer, this corrupted the batch with script error and state went to 0.

This issue was noted only with DB batches.

The following PostClassify script was found as the reason for the batch corruption:

  pWorkdoc.Worktext=""

  pWorkdoc.RebuildBasicObjects |
ALM 10824	26295	Definition Mode	The Designer application may terminate unexpectedly when attempting to delete a field in a class, where that field/class was recently trained.
ALM 10767		Scripting	In Designer Runtime Mode, if an error is encountered in an encrypted scripting sheet, the user would not be able to close the Designer application.
ALM 10761	27136	Learning	After learning of documents and when using the evaluation engine BFE, the Designer application closed abruptly.
ALM 10746	27062	ASE Engine	In some instances, when attempting to perform an ASE search within Designer, the application may terminate abruptly. This was only noted when using the V3 of the ASE engine.

ID	Support #	Affected Feature / Engine	Description
ALM 10718	26948	Extraction	When performing extraction on a document, and changing the Windows System locale and attempting the same operation on the same document, it was noted that there were some differences in the extraction results. One example was changing the locale from English to Japanese, where some of the amount candidates would no longer appear as valid candidates in a Japanese locale. This issue only occurred when changing the Operating System locale to a Chinese, Japanese, or Korean language.
ALM 10651		Import	A Folder container is a hierarchy within the batch where documents are stored, a single folder within a batch may contain one or more documents, and a batch may have more than one folder. In some instances, Designer may close when adding a new Folder container to a batch and entering the folder name.
ALM 10633		Verifier Train Mode	In the Verifier Train Mode, the tooltip for adding a document to the Learnset displayed as 'Add to learn set'. This has been improved to 'Add Document to Learnset'.
ALM 10629		Runtime Mode	In Designer 'Runtime mode', when the user pressed the 'Stop/Clear' button whilst processing documents, no change was noticed.
ALM 10622		Icon bar	In Verifier Train mode, the documents were added to the Learnset with the option 'Only by user request' selected for learning and the 'Learn new documents' icon was correctly enabled. When the user switched to another mode and returned back to Verifier Train mode, the 'Learn new documents' icon on the toolbar was incorrectly disabled.
ALM 10608		Accelerator Keys	When configuring an accelerator key for a verification button, it was noticed that the shortcut combination would work in Verifier and Verifier Test Mode (Designer), but would fail in Verifier Train Mode (Designer).
ALM 10581		Project Development	When working in Definition Mode, Fields tab, the shortcut keys "Shift+Ins" and "Shift+Del" were not working as expected, the shortcut keys were used for creating and deleting fields respectively.

ID	Support #	Affected Feature / Engine	Description
ALM 10589		Tables Phoenix	The Generic Table extraction engine was incorrectly setting table cells as valid for poorly OCRed text which have been mapped to table columns. The correct behavior should have been a) All table cells which were valid and had no OCR issues - should have been valid b) All table cells which were valid, but had an OCR issue - should have been set to invalid for manual verification
ALM 10552		Runtime Mode	The project developer was not able to save the reference file, when the 'Save As Reference' option was selected by right clicking on the class in Runtime mode.
ALM 10543		Logging	When working in the Designer application, it was noted that the component logs for the Triton engine were showing messages that were not matching the logging level configured on the system. For example, on an environment configured for logging Level 1 (Errors Only), some tracing entries were written that did not reflect any errors.
ALM 10542		Tables	When creating a new table field on a class, when the user attempted to view the Properties for the newly created field, the application would hang. This occurred only in the instance when the table field was not on the verification form. This has been corrected in this release.
ALM 10533		Tables	In Definition mode, when the user created a Table field and right clicked on it, it showed as a text field. This issue was noted when the user clicked on the middle of the field.
ALM 10524		Tables	When the user attempted to disable the checkbox setting for hiding a table column, on a derived class, the setting was not retained after the user navigated away from the table settings. The setting was clickable, and appeared to work. The other table column settings, such as Multiline Cells, were working correctly.
ALM 10523		Tables	When creating a new field, and assigning a table template to the field, the Designer application would generate an error during extraction, "Error extracting class 'Invoices', field 'NewTable': Table index out of range.". This error was raised due to the field being seen as a text field and not a table field. The error will now correctly inform the user that the field settings need to be corrected to reflect a table.

ID	Support #	Affected Feature / Engine	Description
ALM 10510	25957 26168	Training	Designer terminated after a few documents when a field was trained in a derived class.
ALM 10245	23408	Performance	When pressing the Save button on a large project file with 1800 classes and 250Mb in size, it was noted that the project took 18 minutes to save with no indication for the user what is occurring.
ALM 10228		Job creation	Designer did not allow to create a job if one of job name parts already existed in another job name.
ALM 10208		DB jobs	Only one DB Job was created for the first time. To create next job, user had to check and uncheck 'Use database as documents and statistics source' or to close and re-open Designer.
ALM 10004		Document Selection Mode	In Designer, the sorting icon was not displaying for the sorted column in the "Batch List" Document Selection Mode.
ALM 6656		Job Creation	When the user attempted to create a database job in Designer, and a problem was encountered, when the user closed the project and attempted to login, an incorrect error was shown to the user stating that the job they attempted to create was not available. The behavior was incorrect as the job was never created in the first instance, and the project should not have retained a non-existing job.
ALM 6569		Register files	No log files were created, and the output of the bat files was lost after running the "Register Application.bat", "Register Web Server.bat" and "RegCdrWeb.bat" files in the bin folders.
ALM 6280		Import	When maximizing and minimizing the view of images during verification, it was noted that the Horizontal bar would disappear intermittently.
ALM 5103		Script Editor	The breakpoint placed by the user within script got lost, and the script was not evaluated correctly.
ALM 4217		Settings	There was some inconsistency in the appearance of the Threshold and Distance sliders in the Classification Engines property pane.

Verifier (thick client)

ID	Support #	Affected Feature / Engine	Description
ALM 11650		Document Tree	When the user attempted to rearrange the document tree columns, the columns which were dragged would disappear from the view. The columns have now been set as fixed so that it is not possible to drag the columns.
ALM 11648		Document Tree	When the user navigated to the Document Tree View and attempted to sort the 'Name' column, the Verifier application would crash in some instances.
ALM 11564		Custom Script	When a script dialog box or message box appeared on the screen, in some instances, the focus would move away from the Verifier application. This could occur when the message box appeared or when it was closed from a user action (e.g. pressing OK).
ALM 11594	30451	Tables	When the project script was attempting to dynamically hide table columns in Verifier Thick Client, the columns would not hide and appeared to the user. This has been corrected, and when the script sets a table column to be invisible, the columns will be hidden from the user.
ALM 11424	30063	Document View	When trying to rearrange order of documents, a random shuffling of the documents was observed.
ALM 11271		Manual Correction	Using Thick Client, after manual correction on the field, cursor jumped to the end of the field.
ALM 11231		Launch Screen	The splash screens for the applications launched have had the Company logo updated.
ALM 11166		Classification	When performing a cut operation on a multipage document, and attempting to verify the two documents which were split, it was noted that the behavior was not correct. If the Verifier settings were configured with the output state of classification with the status that was equal to the input state of extraction, the following verification sequence was observed. 1. First document opened in Classification mode; after classification the second document opened in Classification mode. 2. After classification of the second document, the second document opened in Extraction mode. 3. After validating the second document in extraction view, the first document opened in Classification mode. The correct behavior should have been that the first document having been classified should have opened in extraction verification mode.

ID	Support #	Affected Feature / Engine	Description
ALM 11165		Classification	When the user classified a document in a batch which contained a single document for classification, after classification, the batch completion dialog was displayed instead of going to the indexing view. The correct behavior, when the input state of extraction is same as the output state of Classification, was that the user should have been navigated to the indexing view of that document.
ALM 11080		Settings	When disabling the Supervised Learning workflow within the settings, then attempting to set the Database batch root to be the same as the Knowledgebase Database batch root, the application returns an incorrect error stating "'The job "My_DB_Job" is currently assigned to a Learnset workflow and is not configured for verification batch root.".
ALM 11006	27001	Batches	It was not possible to load a batch that has been corrupted into the Verifier, Designer, or Workdoc Browser applications. When attempting to open the batch, the application would terminate. Additional handling has been placed to cater for certain corruptions of the workdoc and load the batch successfully.
ALM 10946		Classification	In Classification mode, when user entered a class name which did not exist in the project, an error message was displayed. Pressing OK onto message box caused losing of cursor selection from List box. User had to click on the List box to enter another class name.
ALM 10906		Filtering	In the batch filter dialog, when the user pressed on the 'Clear Condition' button, the cursor selection was lost from the input field. The user had to reselect the input field to enter the text.
ALM 10886		Users/Groups	When a user which was not assigned to any group tried to login to the Verifier application, Verifier closed without any message.
ALM 10882		Extraction	When the user drew a rectangle around an empty area of the document (e.g. not OCRed text), and double clicked to map not OCRed text into the verification form, if they then attempted to verify the field by manually entering data, the field would not verify.
ALM 10868		Exception Handling	When placing a document to an exception, and a new batch was created, it was noticed that the batch name contained an extra space in the name.

ID	Support #	Affected Feature / Engine	Description
ALM 10836	27771	Tables	The Verifier application may terminate abruptly when a user navigates on a document where the table control was not populated and had no lines. This occurred when the user reclassified a document without performing automatic extraction, and then navigated back to the document with the table control being empty. When the user attempted to right click on the table to insert lines, the application would close with an error. This has been corrected in this release.
ALM 10810		Batch View	When in the batch view, it was noted that locked batches correctly appeared as greyed out, however, if any or all of the 4 custom columns were enabled, these would not have the same consistent color scheme as the other batch column attributes. The four additional columns 'User Group Colname', 'Batch Group Colname', 'Transaction Colname ID' and 'Transaction Type' can be enabled via the database settings, reference the Installation documentation for additional information.
ALM 10806		Logging	When using the Batch filter conditions, or sort order, for batches the log files incorrectly showed repeating messages of Filter and Sort conditions. This occurred even if the verifier was idle on the batch list. The message below would repeat in the V_ log even if the user was idle. Used filtering conditions [[Batch].[Priority] = 1], [[Batch].[Priority] ASC, [Batch].[Name] DESC, [Batch].[Id] ASC] with page size [50] – succeeded
ALM 10799		Document View	In Tree view, it was noted that Document navigation options (First/Preceding/Next/Last Document) are disabled even if a batch has multiple documents.
ALM 10795	PS0168	Settings	When the user launched the Verifier application, the modification date of the DVS file was changed to the current date and time, even though no changes were made to the Verifier settings. This could cause some confusion on a multi-user environment where many users share the same DVS file.
ALM 10697	26328	Filtering	When the user configured fileting settings in the Filter dialog box, if they double clicked on an empty space in the Filter Condition Clause area, the last selection made was added to the end of the filter condition (even though it may not have been highlighted).
ALM 10688		Cut/Append	After performing a Cut operation, the document correctly split into two. However, when the user pressed on the 'Verify Batch' icon on the toolbar, the user was incorrectly navigated to Verification view instead of the extraction view.

ID	Support #	Affected Feature / Engine	Description
ALM 10654		Table	The Verifier application took a long time to process a document while performing extraction on a large document. The issue was noticed while verifying table fields on large documents, where the application would hang for 70-80 seconds.
ALM 10634		Tables	When the user selected the table field with data already extracted and clicked on the upper left corner of the table, the candidate text was not highlighted.
ALM 10625		Cut/Append	For a two page document, when the second page was marked as a 'Cover page', and the user selected the 'Cut pages into a new document keeping cover page at the beginning', an error was displayed 'Invalid page index specified'. This issue was noticed only when the 'Create new image file when cutting document' setting was selected and thus, is specific only to File System projects.
ALM 10624		Cut/Append	For a two page document, when the second page was marked as the Cover page, if the option selected was 'Cut pages into new document keeping the cover page at the beginning' on the second page, the document would correctly split into two documents. The first document contained two pages with the first page marked as cover page which was correct, but the cover page was wrongly marked, it showed as 'page 1-2' and the second page showed 'page 2-2' which is incorrect. The Cover page should have been marked as 'page 2-2'. The second document correctly contained coverpage i.e. page 2-2.
ALM 10613		Icon bar	When the user selected a database job with no batch, and the setting 'Display 'X' batches per page' option was enabled, the page navigation toolbar displayed as 'Page 0 of 1'. The correct behavior would be that the view shows 'Page 1 of 1'.
ALM 10612		Batch list	The page navigation feature on batch view only allowed the user to enter up to 3 digits for the batch page (a maximum of page 999). When there were more than a thousand batch pages, the user could not navigate to 1000+ pages. The workaround was to use the Filter feature to reduce the batch list.
ALM 10583		Filtering	When using the filter dialog, it was noted that the 'Transaction Type' column was not displayed in list of available filter columns, all other columns 'User Group', 'Batch Group' and 'Transaction' are displayed correctly. The transaction type column was outside the dialog box and could not be seen, a scrollbar was added to allow the user to navigate to this.

ID	Support #	Affected Feature / Engine	Description
ALM 10579		Extraction verification	The 'Get Last Value for the selected field' command was not working i.e. when the keyboard shortcut 'F8' was pressed, or command selected from the Option menu, no action would be carried out on the verification screen.
ALM 10570		Cut/Append	When working on a multi-page document, if marking the second page as a Cover Page followed by a Cut operation, the document correctly splits into two documents. However, the original document still contains all pages, whilst the new document correctly shows the pages from the cut.
ALM 10556		Extraction verification	The Verifier application may crash when using Shift+Tab to tab through Invalid Fields. This would only occur when performing the operation on completed documents (e.g. at Status 700) when making some corrections to extracted data.

No issue occurred for a document at status 550. |
| ALM 10373 | 24884 | GUI | With the option 'Keep showing current document after saving' enabled, after validation the document was saved, and the current document was displayed.

When user tried to navigate to next document or to the 'Batch View', a message was shown 'This document has been modified. Would you like to save the changes?' what was a redundant behavior. |
ALM 10353		Verification	In Batch view, when sorting order was changed, clicking on 'Verify Batch' icon with Verify First Invalid batch option selected, instead of picking the first invalid batch the application always picked the invalid batch which was listed first after changing the sorting order.
ALM 10346		Logging	When launching the verifier application for the first time, a license error was noted in the V_Log stating "Cannot report requested license status. Document level licensing is not initialized". This issue was noted only once after the validation of the first document. All other documents verified afterwards did not show in the log files.
ALM 10335		Cut/Append	In the Document Tree view, when the 'cut keeping cover page' is selected, after performing the cut operation, it was observed that the same document name was used for both, the original as well as the new document.
ALM 10331		Candidate highlighting	Candidate highlighting changed to yellow color after navigating between the documents.
ALM 10325		Verification	When attempting to paste the content of a cell text containing two lines into another cell, only first line is pasted, the other line was lost.

ID	Support #	Affected Feature / Engine	Description
ALM 10231		Batches	When user moved a document to exception, a new exception batch got created with one document and lock icon (due for release). If the user then checked the option 'Automatic Release all available pending exception batches that contain 1 or more documents….' and switch back to batch view, the previously created exception batch would not be released automatically.
ALM 10230		Menus	In the Document Tree view, select the Batch ID or Folder. When returning to Extraction view or Batch view, it was noted that the Image menu showed as greyed out.
ALM 10220		Menus	With a multi-page document, each time the user switched from Verification view to Document view, the page selection changed from page 1 to page 2 and even got to the pages of the next document, if there was one.
ALM 10213		Exception Handling	With 'Automatically release', exception batches were released correctly once it reached specified count and time. If the user unchecked the 'Automatically release', it was noted that the exception batches were continued to release once it reached the previously specified count and time.
ALM 10202		Import	While configuring the application for the first time, it was noted that the Database jobs were not listed for the first attempt. The user had to uncheck and check the 'Use database as documents and statistics source' setting to see the available jobs.
ALM 10198		Icon bar	The 'Multi-Page View' toolbar icons in the Document Tree View were appearing on the left-hand side of the window pane whereas they should have appeared on the right-hand side.
ALM 10194		Extraction	The Line Learning table highlighting disappeared when the user selected the field entry snippet at the bottom of the document.
ALM 10107		Menus	When working in the Document Tree view, it was noted that the 'Append Document' menu item was incorrectly enabled in the Document menu, when the user selection was on the page not on the document. When the user attempted to click on the 'Append Document' menu item, an incorrect error was raised on sorting: "Cannot apply Cut/Append operation on current sorting mode, would you like to switch back to original sequence of documents in Batch?".
ALM 10101		Tables	When multiple text lines were extracted into a single description table cell and the user selected a text line one by one within the table cell, it was noted that the Field Entry Snippet was not getting updated to the corresponding selected line. However the Field Viewer Snippet was getting updated correctly.
ALM 10079		Document View	In 'Document View', the document navigation icons were missing.

ID	Support #	Affected Feature / Engine	Description
ALM 10078		Batch View	In 'Batch view', when filter was applied, and the user clicked on 'Display' option, the batch page navigation options like 'Next Batch page' and 'Last Batch page' were disabled, and 'Next Document', 'Last Document' were enabled. In 'Verification' and 'Document' views, it showed vice versa i.e. 'Next Batch page' and 'Last Batch page' were enabled and 'Next Document', 'Last Document' were disabled.
ALM 10074		Import	A user was incorrectly allowed to enter the same state for both Input and Output under the Workflow settings for all 'Document Separation', 'Classification verification' and 'Extraction verification' workflows.
ALM 10058		Icon bar	When on a French configuration, the Filter icon in Verifier had no Tooltip or status bar help text to clarify what the new icon was. On a German and English environment, the tooltip and status bar help text were showing correctly.
ALM 7259		Exception state	When user moved documents with different priorities to an Exception batch, the new exception batch did not show the highest priority
ALM 7166		Extraction View	After re-classifying a document, the status bar displayed (NULL) for Invoice Number field in Extraction Verification view.
ALM 7160		Tooltip	The tooltip and the information at the status bar differed for the 'Apply Global Extraction' icon bar button.
ALM 7007		Job creation	On pressing space bar key, the space was saved as job name even if no characters were entered.
ALM 6980		Import	When there was no document selected, the Document Tree view incorrectly displayed vertical/horizontal scrollbars.
ALM 6979		Document View	An error "invalid page index specified" was displayed when 'Document to index' filter was selected in tree view.
ALM 6975		Table Correction	When moving the scrollbar of the table field, the first cell moved along with that i.e. it moved over the other columns cells.
ALM 6968		Status bar	When launching the verifier for the first time, it was noted that the status bar displayed -1 for the batch ID. This was related to using the Page navigation icons for the batch view.

ID	Support #	Affected Feature / Engine	Description
ALM 6894		Supervised Learning Workflow	When working with the "Use batch specific project file" setting, when a batch was opened for extraction, if the Add document to Learnset was enabled, when the Verifier validated the last invalid field and pressed the ENTER key, an incorrect error message was raised. The error message stated: "All fields of the current document that belong to the current verification form have been validated, but the rerouting state is not defined for this form in the current project. Therefore the state of the document will not be changed."
ALM 6893		Project File	"Command line project authentication failed" occurred when switching from "use batch specific project file" to "use project file" option.
ALM 6715		Learnset Job	When trying to use a common Learnset job as Verifier batch root job, an information message was retuned saying that the job is currently assigned to the Learnset, even though it was not in use. When user disabled the 'use database' option in Supervised Learning settings, and common Learnset was in the file system, then also the Verifier displayed the information message saying that the job is currently assigned to Learnset.
ALM 6605		Exception Handling	When a user moved documents to exception handling with the option 'Create new batch with documents' selected, a maximum of two new batches were getting created for Exception. Whilst attempting to place additional documents to exception, the documents were added to existing Exception batches instead of new batches.
ALM 6280		Import	When maximizing and minimizing the view of images during verification, it was noted that the Horizontal bar would disappear intermittently.
ALM 1355		Table Training	In the Verifier application, batch mode selected, when the table was trained using the BTE engine, the values extracted twice into the table cells. This defect only related to the obsolete FineReader 4 engine.

Web Verifier

ID	Support #	Affected Feature / Engine	Description
ALM 11581	30156	Performance	In a DFI project with two tables on the form, Web Verifier had an endless JavaScript run when Vendor search was executed.
ALM 11469		Menu	In Extraction View, on the Image menu, the entries for the options 'Move Image to Left' and 'Move Image to Right' were insufficient.
ALM 11401	PS0154	Form	When the user opened a batch to verify, where the project manipulated the verification form, if the form manipulated was not the Default verification form but the second verification form, the Web Verifier failed to make any changes to the form. The Verifier Thick Client application worked as expected and correctly changed the form. The workaround was to change the second verification form to be the Default form. The behavior has been corrected and the appropriate verification form will display, along with any dynamic changes made to the form in script.
ALM 11153		Verification	When user performed 'Cut' operation and clicked on 'Verify Batch' icon, an error message was displayed saying: 'An error has occurred in Web Verifier. Reason Document 49(from batch 15) does not exist or is corrupted Please contact your system administrator for further steps'.
ALM 11145	ITA-006	Form	When attempting to dynamically change text labels, it was noted that the Verifier thick client was correctly changing the contents of field labels on opening of documents. The Web Verifier however was not taking the updated text labels into account and would display the default labels from the form.
ALM 11138	ITA-001	Form	The Dynamic TAB order was not being observed in Web Verifier when the tabbing order was set via custom script in the VerifierFormLoad event. The other applications had the correct tabbing order observed on the verification form.
ALM 11124		Cut/Append	In the Document Tree view, if the user performed a Cut operation, the document would be split into two, but the selection was lost on the document. The status bar was also not updated to reflect the change.
ALM 11043	30820	Rotate	When the user rotated a document in Web Verifier, the application returned an error stating "Object reference not set to an instance of an object", and the current document/page was not rotated.

ID	Support #	Affected Feature / Engine	Description
ALM 11020		Rotate	When a user performed Rotate in Web Verifier (extraction view), closed the batch, and then reopened the batch to continue verification, the image may not have appeared correctly and the document could become difficult to verify. The field snippet viewer at the bottom of the verification screen might also show incorrect information for any enlarged document area.
ALM 10987		Verification	When the user verified a batch to completion and selected the option to verify next available batch, in some instances the user received a 'Batch is currently locked (i.e. Used by another module)' error message.
ALM 10867		Exception Handling	When the Verifier moved a document to exception by creating a new exception batch, it was noted that the 'created by' differed between Thick Verifier and Web Verifier. The Thick Verifier has been updated so that the naming convention is now consistent.
ALM 10782	27077	Lists	When using the Distiller For Invoices project, if an IVR description was changed in the ini file, the change was not reflected in Web Verifier, although it was reflected correctly in the Designer Test mode.
ALM 6652		Languages	There were some minor spelling mistakes in the German locale of Web Verifier. These have now been corrected.
ALM 6542		Verification	With 5 concurrent users working on the same batch and project, when attempting to verify next invalid batch (via batch completion confirmation dialog box), one of the users received an error that Document Was locked forcing him to log back into the system.

Learnset Manager

ID	Support #	Affected Feature / Engine	Description
ALM 11277		Accumulated Documents Browsing	In Accumulated Document Browsing mode, when the user clicked on a table header in the Learning Statistics Window, an error was thrown: "Invalid document index!".
ALM 11272		Import	When sing a project with an encrypted Learnset (such as DFI), and browsing the Global Learnset view for a class with encrypted LS documents, the image would not display; the new documents added to the Learnset were also not displaying, even though these were added via the Learnset Manager. When viewing the same newly added Learnset Image in Designer, the image displayed correctly. In the Learnset Manager, an error was returned stating "Item name for collection must not be empty."

ID	Support #	Affected Feature / Engine	Description
ALM 11269		Learnset	When browsing the Global Learnset for DFI, while clicking on the Invoices class, an error was raised stating "Item name for collection must not be empty." The user should have received a meaningful message to state that the Learnset documents were encrypted.
ALM 11079		User Interface	When the user opened a two page document and navigated to the second page, the status bar did not update and displayed 'Page 1 of 2'.
ALM 10984	28337	Settings	When attempting to access the Learnset Manager Settings on a File System Batch installation/configuration, a Database error was thrown, and the application closed after the user selects OK. This issue only occurred if the application was installed without the Database and the configuration files contained the default text. If the configuration file was correctly set against a Database, no error was thrown. This has now been corrected, and the application will not terminate on an incorrect Database configuration setting.
ALM 10655		Knowledgebase	When using a database job for the Knowledgebase, after switching from File System folder, if the backup Common Learnset folder was enabled prior to switching to DB. When the user performed Learning operation, the old FS Knowledgebase folder would be incorrectly copied. The correct behavior was that no backup of the Knowledgebase folder is taken when using a Database Job. Backup for a Database Knowledgebase job is currently not supported and is a future enhancement.
ALM 10639		Global Learnset	In the Global Learnset Browsing view, when the classes were ordered by the 'Classification' column, no actions were performed, and the order remained the same. All other view columns worked as expected.
ALM 3768		User Interface	The Tooltip for the Accumulated Documents View was displaying "Switch to Accumulated Document Processing" which was not consistent with the documentation. The tooltip will now show "Accumulated Documents Browser".

Runtime Server

ID	Support #	Affected Feature / Engine	Description
ALM 11602	29920	Security Update	When the Runtime Server instance, configured for performing a Security Update, encountered an error with the project file becoming unavailable, the instance would not recover gracefully, and a restart of the RTS Services would be needed for the instance to become operational. The project file could become unavailable for many reasons, for instance, when the project file is stored on the network and there is an outage.
ALM 11096	28484	Settings	The time input controls, in the 'Automated System Updates' Runtime Server properties, was changing automatically to the local Operating System time when the options for Automatic Pool update or Update system security were changed.
ALM 11022		Database batches	When user created new instances and opened properties, Default settings showed 'Enable Batch Integrity Verification' option enabled for DB batches. It should be greyed out when the DB checkbox is ticked. Development recommendation is NOT to use this checkbox with Database batches.
ALM 10923		Starting Service	Starting the Runtime Service on a system with UAC enabled via the desktop shortcut would fail. (The correct behavior would be to right-click the shortcut and to select 'Run as an administrator'.) However, no appropriate error message was shown to the user.
ALM 10829	27671 27700	System Monitoring	When the Database server became unavailable during Runtime Server processing, errors were raised by the Runtime Server instances on the Database unavailability. The application correctly showed the error on the System Monitoring console, however, no email notifications were sent to the distribution list for this error. This could occur for several types of Runtime Server errors. This has been corrected and errors raised in Runtime Server by the product, will now be emails to the distribution list, in addition to being shown on System Monitoring.
ALM 10719		OCR	Runtime Server failed to OCR documents with the 'Small Digit Asian Ehn' option enabled via Designer application.
ALM 10699		Logging	While verifying, a log was observed saying: 'XXX.wdc' could not be updated! Changes in workdoc could not be written to a file or database. Please make sure the file is not write protected' which was wrong behavior.
ALM 10600		Properties	Within the 'Properties' dialog, on the 'Workflow' tab, the 'Cleanup' input dropdown list showed duplicated states.

ID	Support #	Affected Feature / Engine	Description
ALM 10572	25812 28945	User Interface	A blank error message was displayed in System Monitoring.
ALM 10544		Batches	When manually changing state/priority of batches or deleting them, the changes were applied to only 1000 batches even if there were more.
ALM 10498		Registry File	The email password section within the System Monitoring registry file showed an unencrypted password.
ALM 10215	24314 28583	Import	When the Runtime Server instance performed Email Import, it was noted that the instance may hang when encountering email bitmap signatures such as twitter, Facebook, or linked-in. The hanging occurred due to the RTS instance returning 0x0 resolution size for the image. This has now been corrected.
ALM 10005		Logging	When the Runtime Server instance performs an automatic restart during importing, if the import is configured with "one batch per subfolder", the RTS continues the import after the restart, but the log file displays the folder name as 'null'. For example, after the restart, the log would contain messages such as below, containing null [Info]	...	Performing import step: document 'D:\SLW Demo US\ImportA\13\ABC.tif' has been added to batch 'Batch_23', folder '(null)' (12/26).
ALM 7395		Automatic restarts	When a restart took place during an import process, it interrupted the import process and carried out the restart even ignoring the specific import settings (1 batch per subdirectory, 1 folder per batch or 1 folder per doc). What should happen is that the docs are all imported from subdirectory prior to a restart and not in the middle.
ALM 429		OCR	When the RTS settings were set to "CI" documents, then processing a regular batch with TIFF files caused the following OCR error: "error in OCR setup on document %s, description %s', and RTS tried to process the same batch several times with same result. The error message was not specific (e.g. incorrect configuration, Processing *.tif files using CI Documents). This occurred only on batches with TIFF files. Other files types e.g. Doc, rtf were processed correctly.

Scripting

ID	Support #	Affected Feature / Engine	Description
ALM 11263	29435	Zones	When processing documents in Runtime Server, for those documents which encountered an error with a zone - such as Zone out of area, the script for extraction would be disrupted and cause the extraction process to stop. It is now possible to set an ignore on zone errors by setting the PreExtract field event to ignore Analysis Failures/errors. This can be done using the script example below, which would set the workdoc to ignore Analysis failures/errors. Private Sub MyField_PreExtract(pField As SCBCdrPROJLib.ISCBCdrField, pWorkdoc As SCBCdrPROJLib.ISCBCdrWorkdoc) pWorkdoc.NamedProperty("IgnoreAnalysisFailures") = True End Sub
ALM 11169	ITA-004	Validation	If a Field that required validation was dynamically set to Invisible via custom script, the documents failed to be validated and no notification was given to the user on failure. In the case of a similar configuration without dynamic scripting, where a Field was not included in the current verification form, the user was correctly notified that the document cannot be indexed because a Field was invisible and invalid, and was instructed to direct the document to Exception Handing.
ALM 10706	PS0164	PreExtract	The PreExtract event was not triggered when the first field of the first document, in the first batch was processed in the runtime Server. This issue appeared only after the project was loaded to memory.
ALM 10233	PS0112	Text property	It was observed that analyzing the document with double byte support enabled revealed a discrepancy between the text length and the worktext length causing a script error. In Intelligent Capture, when using the CJKT processing option, the system may convert a single character into a so-called transliterated representation of multiple English characters. In this case, the converted Worktext object is getting "adjusted" and not replaced, i.e. it still contains the original Unicode representation - this is in order to ensure that the backwards conversion can take place after the Intelligent Capture processing. In terms of script methods, this means, that .TextLength and other attributes of the SCBCroWorktext objects still refer to the original characters, while its .Text property will be returning the transliterated text. Correspondingly, the WinWrap's "Len" method, applied to the transliterated text will return the new length of the new text.

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ID	Support #	Affected Feature / Engine	Description
ALM 11263	29435	Zones	When processing documents in Runtime Server, for those documents which encountered an error with a zone - such as Zone out of area, the script for extraction would be disrupted and cause the extraction process to stop.
			It is now possible to set an ignore on zone errors by setting the PreExtract field event to ignore Analysis Failures/errors. This can be done using the script example below, which would set the workdoc to ignore Analysis failures/errors.
			Private Sub MyField_PreExtract(pField As SCBCdrPROJLib.ISCBCdrField, pWorkdoc As SCBCdrPROJLib.ISCBCdrWorkdoc)
			pWorkdoc.NamedProperty("IgnoreAnalysisFailures") = True
			End Sub
ALM 10791		FineReader 10	It was noted that the quality of OCR for numbers and dates was poor for some documents with 200 DPI. Some improvements to the FineReader 10 engine have resolved some of the OCR failures for such occurrences.
ALM 7367		FineReader 10	With FineReader 10, a deceleration of OCR performance was observed compared to FineReader 8.1 results. This issue has been solved in version 5.5.
A5501		FineReader 10	In some cases, an incorrect page orientation detection was observed.
A5502		FineReader 10	It was observed, that the character rectangle was partially situated outside the text block area.
A5503		FineReader 10	During page analysis, in some rare instances an internal program error occurred saying: .\DA7\ImageObject.cpp, 794
A5504		FineReader 10	The character '日' was not recognized correctly.
A5505		FineReader 10	During de-initialization, an internal program error was observed.
A5506		FineReader 10	It was observed, that two-digits page numbers were written in two lines.

Tools

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11253		Workdoc Browser	Export	When copying batches to the same database, the Refresh action was not taking place, and the newly copied batches were not seen. Navigating between the File System Mode and Database Mode, or closing and re-opening the Job in Database mode had no impact. In order to see the copied batches, the user had to close the application and restart it.
ALM 11187		Workdoc Browser	Menus	There were some inconsistencies in the Menu item names and the Toolbar icon tooltips, these have now been corrected.
ALM 11185		Workdoc Browser	Document Browsing	Entering a very large number into the document browsing input box resulted in a Runtime error followed by the abrupt closure of the application.
ALM 11184		Workdoc Browser	Filtering	When the user entered text into the Batch Filtering and Sorting dialog box, if they pressed the Cancel button and then relaunched the dialog box, the previously typed text remained. The correct behavior should have been that the Filter text entered prior to Cancelling should not have been retained.
ALM 11177		Workdoc Browser	Property Pane	When opening a document in the Workdoc Browser, if the document was viewed in horizontal mode and the user changed the mode to Vertical mode, the context selection in the attributes pane was lost.
ALM 11117		Project Migration Tool	Custom Script	After performing a migration from Distiller for Invoices V1006 to 1007, it was noted that one extra line was added on top of the 'GLOBAL VARIABLES CUSTOM EVENTS' after migration. There was no impact on the script as the extra line was a comment.
ALM 11115		Project Migration Tool	Scripting	After performing Migration, the target project displayed duplicate functions within the UserExit class.
ALM 11077		Workdoc Browser	Icon bar	The Batch Filter/Sort icon was incorrectly enabled when in File System mode, which was incorrect as the feature is only for the Database. This only occurred when restarting the application after the user exited in Database mode.

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11075		Workdoc Browser	Export	After a user exported batches to the file system, having used the 'Copy Batch Documents to File System' menu item, it was noted that another export of a batch showed that the dialog box did not refresh to show the recently exported batches.
ALM 11074		Workdoc Browser	Export	When exporting a batch to a target FS location, where the batch already exists, the user received an unfriendly message. Now the user will be prompted to say that the batch already exists and can confirm if they want to export it once more.
ALM 11072		Workdoc Browser	Export	When selecting the Cancel button on the 'Copy Document to File System...', the user was incorrectly presented with an error message confirming that cancel was pressed.
ALM 11071		Workdoc Browser	Menus	When selecting a document from a database batch, SQLServer or Oracle, the menu item for Document Export was not enabled. The workaround was to Right click on the document and select Export.
ALM 11070		Workdoc Browser	Document Browsing	When the user was working with database batches, and they attempted to select a document, several mouse click actions were needed to reach the document. The mouse clicks to reach a document have been reduced.
ALM 11068		Workdoc Browser	File System	When launching the workdoc browser for the first time on a File System batch root, when the user made a selection no documents were shown.
ALM 11067		Workdoc Browser	User Interface	The status bar for displaying the information for the currently selected batch was not updating on the first selection. The user was required to select the batch a second time for the status bar to reflect the correct information. This problem was only occurring when the batch was selected for the first time and the application was retrieving content.

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11066		Workdoc Browser	User Interface	When viewing the status bar on the application, it was noted that the Filter/Sort information on the status bar was cut, even though there was additional space to display the full Filter/Status information.
ALM 11065		Workdoc Browser	Icon bar	When the user navigated through pages using the Attribute panel of the workdoc browser, it was noted that the page navigation icons were not in synch with the selection made by the user.
ALM 11064		Workdoc Browser	Property Pane	When viewing the Property pane, it was noted that selecting any attributes of the workdoc, could display empty columns on the property pane. This has now been corrected.
ALM 11063		Workdoc Browser	Property Pane	When selecting a document and viewing the Property pane, some of the columns exceeded the available space and no horizontal scrollbar was shown to the user.
ALM 11062		Workdoc Browser	Property Pane	When viewing the Property pane, it was noted that the value columns were resizing when navigating down the list selection.
ALM 11061		Workdoc Browser	Menus	When working in Database mode, in some conditions, the menu items for 'Copy Batch...' were disabled incorrectly. Note, that it was still possible to right click and use the mouse shortcuts.
ALM 11060		Workdoc Browser	Menus	When using keyboard shortcuts, it was noted that two menu items did not have key highlighting for selection. For example, The View --> Refresh - should have R highlighted with an underscore.
ALM 11058		Workdoc Browser	Menus	When the user connected to a database job in the Workdoc Browser, it was noted that the 'Copy Document to File System' menu item was incorrectly enabled when no selection was made. The menu item should have been enabled when a workdoc was selected by the user.
ALM 11057		Workdoc Browser	Import	When hovering over the navigation tooltips, the tooltips were not consistent with other applications (such a Verifier).

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11056		Workdoc Browser	Batches	When working with a database containing multiple jobs, it was noted that when the user switched between jobs, incorrect batch locking errors were returned to the user.
				For example, a database containing a job for SLW Demo US and one for the SLW Demo US KB. When selecting a batch from SLW Demo US Job, then selecting a batch from SLW Demo US KB - a batch is locked error was returned, even though the batch was not locked.
				Pressing F5 on the batch list releases the batch and the user is able to open the batch.
				This has now been corrected.
ALM 11055		Workdoc Browser	Database	When the user launched the Workdoc Browser, where it was previously connected to the database, when the user canceled the login dialog, the navigation icons remained enabled incorrectly.
				When the user attempted to use those icons, errors were thrown.
ALM 11052		Workdoc Browser	Batch	When double clicking on the DVD drive in the File explorer for File System batches, if that drive was empty, the workdoc browser application returned a Run-time error before closing down.
ALM 11051			User Interface	The Workdoc Browser title bar has been tidied up.
ALM 11048		Workdoc Browser	Directory	When using a File System mode in Workdoc Browser, pressing F5 or selecting Refresh from the View Menu resulted in a Runtime error followed by the abrupt closure of the application.
ALM 11047		Workdoc Browser	Menus	When using a File System Batch, it was noted that the Sort and Filter icon was correctly disabled, however, the menu item was incorrectly enabled.
ALM 11046		Workdoc Browser	Logon	When launching the application and connecting to the database, there was no focus on the data entry box for Username. The user had to manually click inside the Username entry box using the mouse.

ID	Support #	Module	Affected Feature / Engine	Description
ALM 11044		Workdoc Browser	Licensing	In some instances when launching the Workdoc Browser, a licensing error was shown to the user. The error shown to the user was: "License Activation Error. Index out of bounds,"
ALM 10950		Project Viewer	Report	When using the Project Viewer application, while creating a report, an error was thrown stating *.OCX file is missing or incorrect.
ALM 10739		Workdoc Browser	Menus	When browsing File System batches, the Edit menu was incorrectly enabled, even though all menu items were disabled.

Installation

ID	Support #	Affected Feature / Engine	Description
ALM 11519		Configuration Files	When performing an upgrade from one version to another, using the Repair option, the Web Verifier configuration file was incorrectly replaced with a template which contained no customized settings. This has now been corrected so that the repair option does not replace the Web Config. The new template of the Web Config is now present in the install shield with placeholders which will allow the Administrator to manually replace the existing Web Config with the new one. The template Web Config would contain new settings which are required, and so customization settings must be manually inserted.
ALM 10166		Settings	When working on a French Verifier, some of the text in the Supervised Learning settings displayed English text.
ALM 6576		Database	Installer was not able to detect Oracle 11R2 DB. The message "Unable to connect to the database using the credentials provided due to an unknown error" appeared.
ALM 6569		Logging	It was difficult to track if the "Register Application.bat", "Register Web Server.bat" or"RegCdrWeb.bat" files have been run at all when applying a patch. Various and difficult issues appeared when not run. Now, when run, appropriate log files will be created within the bin folders.

Documentation

ID	Support #	Affected Feature / Engine	Description
ALM 11672		RTS User Guide	No info on 'Import only files which are older than specified timespan' option was given.
ALM 11238	29347	Installation User Guide	Operating system configuration in the installer guide was mentioned as • Microsoft Windows Server 2003 Standard or Enterprise Edition. • Microsoft Windows Server 2008 (IPv4). It should only state Enterprise or greater software.
ALM 11207		Web Verifier User Guide	In WVC User Guide --> Section- 8.2, The Document View: it was noted that no link was given for 'Batch Structure' section, but it was given for other sections.
ALM 11180		Designer User Guide	'Multipage Detection' option was available in the 'Chapter 5 - Setting Up the Classification', which was wrong. It is now placed in the 'Chapter 6-section 6.9.2'.
ALM 11173		RTS User Guide	Information on 'Limit Batch Size' has been modified in section 7.4 Import Settings.
ALM 11104	PS0150	RTS User Guide	The icons for statistics pane were presented incorrectly.
ALM 11102		WVC User Guide	Description for 'Print' option said 'Not available in Document View'. This has been corrected as 'Print' option is available and enabled in Document/Tree view.
ALM 10710	26715	Designer User Guide	Terminology regarding the Associative Search Engine has been corrected.
ALM 10085		Designer User Guide	The section 8.8.8 Using Field Inheritance has been updated with information on activation of the BWTE engine for table fields on child class level.
ALM 10144		Verifier User Guide	In Verifier User guide on page no 34, the shortcut 'Ctrl+X' (Restore Focus) needed to be replaced with 'Ctrl+N' . The table columns for 'Restore Focus', 'Command' and 'Keyboard Shortcut' showed empty in Verifier User guide on page no 39 and 45.
ALM 7301	PS0081	Scripting Guide	A description for the method Project.GetHostProperties has been added to the Scripting Guide.