

Kofax Transformation Modules

5.0

Service Pack 1 Notes



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Introduction

These notes supplement the *Kofax Transformation Modules 5.0 Release Notes* and contain important information about resolved problems, known issues, installing and removing the service pack, and technical support. Please read these service pack notes carefully before you install or use this product.

Kofax Transformation Modules 5.0 Service Pack 1 includes service pack installers for two products:

- 1 Kofax Transformation Modules 5.0
- 2 Kofax Transformation Modules 5.0 Thin Client Server

Both are cumulative packages and contain features and problem resolutions provided for all Kofax Transformation Modules 5.0 and Kofax Transformation Modules 5.0 Thin Client Server patches previous to this service pack.

Kofax Transformation Modules 5.0

The following sections provide important service pack information about the Kofax Transformation Modules 5.0.

Resolved Problems

This section describes problems resolved in Kofax Transformation Modules 5.0 Service Pack 1.

Correction

The following problems have been resolved in Correction.

Fox-Exception Error When Closing Batch

When processing a batch that has a folder containing a document, a stack dump occurs in Correction when attempting to close the batch after validating. This error makes exiting the Correction module impossible.

This problem has been resolved. (SPR00082944)

Synchronization of Field Snippet Display and Field Text Editor In Correction Not Correct

When processing large batches in Correction, typing very quickly may sometimes cause the display of the field snippet and the text editor to become unsynchronized.

This problem has been resolved. (SPR00068437)

Document Review

The following problems have been resolved in Document Review.

Memory Leak Occurs when Merging and Splitting Documents

When splitting and merging documents in Document Review, memory usage continuously increases, which slows down batch performance and can lead to an “Out of Memory” error.

This problem has been resolved. (SPR00084211)

Document Review Is Not Displaying Exchanged Image

Document Review displays the wrong image after the operator has inserted/deleted the image in Quality Control. Due to a missing consistency check in Document Review, the selected XDocument is not refreshed with the Kofax Capture document which causes the wrong image to be displayed.

This problem has been resolved. (SPR00070106)

Extraction

The following problems have been resolved for extraction issues.

Line Item Matching Locator Wrongly Matches Line Item

Line Item Matching Locator matches a line item even if the given calculation "Qty x UnitPrice = total" does not match.

A rounding problem, which implies that the calculation does not match, is now fixed by returning the exact value. Note that due to rounding of floating numbers, you need to apply a formatter for the corresponding column. (SPR00070799)

Line Item Matching Locator Set Invalid Fields to Valid

If for example the quantity and unit price for two or more line items are equal, Line Item Matching Locator is uncertain which of the ambiguous matched values is the right item, and incorrectly sets invalid fields to valid.

This problem has been resolved. (SPR00068439)

Advanced Zone Locator's Background Removal Fails

Advanced Zone Locator does no longer perform OCR on demand and Background Removal fails if no OCR was already performed on the documents.

This problem has been resolved. (SPR00070926)

A2iA - Check Signature Detection not Available for Specific Country

When configuring an A2iA locator for a Chilean project by setting the country to "Chile" and the Signature to "Yes," the following error message is displayed: "API error 138 Check signature detection not available for this country."

This problem has been resolved. (SPR00086730)

Arabic Recognition Engine Changes Text Direction of OCR Results

When using the Arabic recognition engine, you get the correct Arabic words but in the wrong order (reversed text direction).

This problem has been resolved. (SPR00071016)

Kofax Capture Integration

The following problem has been resolved for Kofax Capture integration issues.

Add Document for TIF Images Malfunctions for Batch Restructuring

When adding a document via "copy document" before an original document, the update to Kofax Capture removes an XDocument while the data is transferred.

This problem has been resolved. When the new document created by CopyDocument method is added before the original document the SynchronizeXRootFolderToKCBatch method no longer deletes the XDocument of the copied document. (SPR00071156)

Server Erases Document Index Fields that Are Not Mapped to Kofax Transformation Modules Fields

After upgrading to Kofax Transformation Modules 5.0, Server no longer retains document index fields that are not mapped to Kofax Transformation Modules fields in the Synchronization Tool.

This problem has been resolved. (SPR00085712)

Project Builder

The following problems have been resolved in Project Builder.

Project Builder Saves Corrupt *.fpr File Containing Truncated XML

For large projects with many classes and fields, and multiple validation steps, the memory usage of Project Builder greatly increases and saves an *.fpr-file with truncated XML. When trying to load the project, the following misleading error message is displayed : "Failed to load project because: Invalid XML format node for 'settings' detected. Please update to the new version."

This problem has been resolved. When your operating system memory is low and maxed out with a large project, the *.fpr-file is not corrupted anymore and an error message is displayed that gives appropriate information. (SPR00084154)

Date Formatter Does Not Work with Uppercase OCT Abbreviation

When using the format "DDMMYYYY" (and Months_All.txt configured as the Month dictionary) and testing "21Oct2009", the date is not recognized as valid if the O is capitalized. "21SEP2009" works and even "21oCT2009", but if the "O" is capitalized, then the date is not recognized as valid.

This problem has been resolved. (SPR00084360)

Error When Loading Project

After changing the sequence of the locator methods in an invoice class and then closing the project, reloading of the project fails. The following error message is displayed: "Failed to load project because: A table locator without table model cannot be used".

This problem has been resolved. Even if there is an invalid locator configuration, you can now load the project and you are notified by an appropriate project warning. (SPR00070118)

Error Occurs When Using Oracle Private Synonyms

When trying to setup a relational database in Project Builder by using Oracle private synonyms as an alias for a particular Oracle View, the error message "The table or view 'XXXXXXX' has been modified or no longer exists" is displayed.

This problem has been resolved. (SPR00084870)

Allow an Oracle User that Is Not the Schema Owner of a Particular Object

The ability is missing to specify a particular Oracle User during the Relational Database setup in Project Builder. This user, specified during setup, accesses a table or view in another particular schema. The schema prefix is not supported by Kofax Transformation Modules.

This problem has been resolved. (SPR00085165)

Server

The following problems have been resolved in Server.

Problems with Auto-Rotate During Run-Time

Auto-Rotate functionality via OCR is performed in Kofax Transformation - Project Builder but not during run-time in Server.

This problem has been resolved. (SPR00064716)

Server Rotates Image when Automatic Rotation Is Disabled

During run-time Server always rotates some images, even when automatic rotation is disabled in the project.

This problem has been resolved. (SPR00070540)

Fox-Exception Error during Server 2 Processing

When accessing the Xfolder object in script, a Fox-Exception error occurs in Server 2 in the `After Folder Extract` event.

This problem has been resolved. (SPR00070753)

Thin Clients

The following problem has been resolved for Thin Clients issues.

Thin Client Validation - UserID not Updated

Via scripting the `OperatorUserID` batch property is accessible (the `OperatorUserID` is the user ID of the last batch history entry.) When a batch is processed by Thin Client Validation, the `AC_BATCH_OPERATORUSERID` XValue is not available in script, which causes the user ID is not to be updated in the batch history.

This problem has been resolved. (SPR00083956)

Validation

The following problems have been resolved in Validation.

Always CAPITAL Causes Text Typed in In-Place Editor Is Reversed

When using the "Always CAPITAL letters" option for a field, then the text typed into the In-Place editor with CAPS LOCK key toggled off is reversed (last letter first).

This problem has been resolved. (SPR00041043)

Stack Dump when Using `CscScriptValidationCell.ResetBackColor()`

When selecting a table row and using `CscScriptValidationCell.ResetBackColor()` in `ValidationForm_TableCellGotFocus`, a stack dump with "Object reference not set to an instance of an object." is displayed.

This problem has been resolved. (SPR00083332)

Scrolling Behavior

If the focus is on a table cell within a validation form, scrolling with the mouse wheel only applies to the table (even if there are not enough rows for a table scrollbar) and it is not possible to scroll the entire validation form.

This problem has been resolved. (SPR00085195)

Check Boxes Inside a Group Box Lose Their Values

Check boxes inside a group box lose their values and all become “unchecked,” even after the field was confirmed when moving outside the document and then back. This does not happen when you place at least one check box directly on the form and outside a group box.

This problem has been resolved. (SPR00070225)

Check Boxes with a "Tri-State" Get Changed to Checked = "1" when Enter or Tab Is Pressed.

Check boxes display a “tri-state” (indeterminate state) for empty fields; after pressing the TAB or ENTER key the value changes to “1” (checked).

This problem has been resolved. (SPR00070226)

Confirming One Check Box also Confirms a Second Check Box.

When confirming the second check box in a group box, which groups two check boxes, the first check box is confirmed as well.

This problem has been resolved. (SPR00070228)

Inconsistent Keyboard Navigation Behaviour

When navigating around the Validation form with a keyboard (by using ENTER to confirm and TAB, SHIFT + TAB, UP ARROW, DOWN ARROW to navigate between fields) there is an inconsistency about whether the field navigated to is highlighted or where the cursor ends up.

This problem has been resolved. (SPR00085199)

Improve Error Message Displayed when Trying to Open a Non-Existent Batch

When trying to open a non-existent batch by using the batch open command in Validation (the same also applies to Verification, Correction and Document Review), an error message with an insufficient statement is displayed: “Object deleted error - object deleted.”

This problem has been resolved. (SPR00052794)

Known Problems

The following sections describe known problems, and if available, useful workarounds for Kofax Transformation Modules 5.0 Service Pack 1.

WinWrap Basic Script Engine - Low-level Instructions

The WinWrap Basic script engine allows implementing low-level instructions, such as **Sendkey**. The usage of those instructions in a script is not supported for Kofax Transformation Modules 5.0 Service Pack 1, as these can cause unpredictable behavior during processing. (SPR00064852)

BeforeFieldGetFocus Script Event Occurrence

The `BeforeFieldGetFocus` event is fired only if the operator validates a field by pressing ENTER, but is not fired when the operator navigates from one field to another by pressing the TAB or an ARROW key.

Scripting Help does not inform you about the condition that the event only fires if the previous field was confirmed. (SPR00058031)

ValidationForm_TableCellGotFocus Script Event Issue

When navigating between different table cells within a validation form, the `ValidationForm_TableCellGotFocus` event is fired even if the previously started action is not yet finished. For example, one table row is selected, while the cell from a different row still has focus. (SPR00071411)

Date Formatter Can Cause Incorrect Date Values in Case of OCR Errors

The problem is related to “SPR00084360 - Date Formatter Does Not Work with Uppercase OCT Abbreviation.” After the bug fix, the Date Formatter now tries to match a date without OCR correction and only if that fails, to match the date string with some common OCR corrections (for example O-0 and Z-2.) In some rare cases, where the field text contains OCR errors, the new algorithm can cause incorrect date values. (SPR00071504)

Service Configuration Issue

When configuring both the log on account for the services **without** Administrator privileges along with the user profile for Kofax Capture, the automatic start of batch processing fails. When trying to restore the settings, the Kofax Transformation Modules - Server Scheduler Service cannot be uninstalled.

Workaround: Use a log on account with Administrator privileges for the services if used in combination with a Kofax Capture user profile.

Kofax Capture Integration Issue

Kofax Transformation Modules 5.0 is unable to repair a batch that has been restructured in the Kofax Capture Quality Control module (QC). This applies when the first page of a document is set as the first page of another document.

Installing Kofax Transformation Modules 5.0 Service Pack 1

This section provides information about installing the Kofax Transformation Modules 5.0 Service Pack 1.

We recommend that you review the *Installation Guide for Kofax Transformation Modules 5.0* before installing this service pack as it contains important information about Kofax Transformation Modules, including known limitations, certification information, installation requirements, Software Prerequisites, and Windows service pack issues.

Important Kofax Transformation Modules 5.0 Service Pack 1 has been fully tested and certified with Kofax Transformation Modules 5.0, Kofax Transformation Modules 5.0 Patch 4 and earlier patches. However, as with any service pack, we recommend that you install and test this Kofax Transformation Modules 5.0 Service Pack 1 in a development environment first before applying it to your production environment.

Installation Procedures

To ensure successful installation of the service pack, do the following:

Prerequisites

- Be sure that you have full Windows administrative privileges.

- Verify that Kofax Capture and Kofax Transformation Modules 5.0 are installed before applying this service pack.

Note If you do not have version 5.0 of Kofax Transformation Modules, you must upgrade to it. To upgrade from an earlier version of Kofax Transformation Modules, you need to remove the earlier version before installing Kofax Transformation Modules 5.0.

If you install Kofax Transformation Modules 5.0 for **Windows 7** or **Windows 2008 R2**, verify that the software prerequisites are installed correctly. Before installing Kofax Transformation Modules 5.0, you must first use the role management tool of the operating system to enable Microsoft .NET Framework 3.5 SP1. You can achieve this via Server Manager in Server 2008, and via Programs and Features in Windows 7.

- Close all Kofax Transformation Modules applications and services.

► To install the service pack

1. Download the Kofax Transformation Modules 5.0 Service Pack 1 from the Kofax Web site at www.kofax.com.
2. Mount the ISO image.
3. Select the installer directory for Kofax Transformation Modules 5.0.1.
4. Run the executable file (KTM-5.0.1.exe) to install the service pack.
5. When you are notified that the installation process has been successfully completed, click OK to clear the confirmation message.
6. These instructions must be applied to each client and/or standalone workstation running Kofax Transformation Modules.

For an advanced installation, use KTM-5.0.1.msp. You also can enable a detailed log as a diagnostic tool from the command prompt.

► To install the service pack from the command prompt

1. Run the installation with the following command from the location where the downloaded .msp file is stored:
2. Use the /L switch to enable logging. The following command generates verbose logging to

C:\KTM-5.0.1.log:

```
/L*v C:\KTM-5.0.1.log
```

Uninstalling

To ensure successful uninstallation of the service pack, you must have full Windows administrative privileges.

Note If you uninstall Kofax Transformation Modules 5.0 Service Pack 1, or Kofax Transformation Modules 5.0, for Windows 7, Windows 2008 or Windows Vista you must be logged in as the local Administrator. When you are logged in as a user of the local administrators group, you must disable “User Account Control” (UAC) on operating systems that support it prior to uninstalling the service pack.

► **To uninstall the service pack**

1. Terminate all running Kofax Transformation Modules applications and services.
2. From the control panel, select Add and Remove Programs. For Windows Vista or Windows 7, select Programs and Features.
3. Select Show updates option. For Windows Vista and Windows 7, select View installed updates.
4. From the listed programs, select Kofax Transformation Modules 5.0 Service Pack 1 and click Remove. For Windows Vista or Windows 7, select Uninstall.

Note Uninstalling Kofax Transformation Modules 5.0 Service Pack 1 removes only the service pack; Kofax Transformation Modules 5.0 remains on your computer.

Resolved Problems in Kofax Transformation Modules 5.0 Patches 1 - 4

This section describes problems resolved in Kofax Transformation Modules 5.0 Patches 1 - 4.

Patch 4

The following problem resolutions were provided with Patch 4.

Refresh Function for Mini Viewers

A function to refresh the mini viewer in order to show the correct snippet if the field value on a validation form has been changed is not available.

This problem has been resolved. A new refresh function `ValidationForm.Miniviewers(n).Refresh` is now available for mini viewers. (SPR00039703)

Knowledge Base Learning Server Fails for Duplicate Image File Names

An error message, "1_x.tif already exists," is displayed if the Knowledge Base Learning Server attempts to save an image with a duplicate file name to the directory.

This problem has been resolved. All images are given unique names when processed by the Knowledge Base Learning Server, eliminating the possibility of duplicate file names. (SPR00065586)

Validation - Color Image Is Displayed as B/W Image

When using the Trainable Document Separation feature, the information of the color images was lost. The color images are always displayed as bitonal images in Validation, even when "Display color image" was selected from the View menu.

This problem has been resolved. The Trainable Document Separation feature now keeps the color image information of the images. (SPR00068922)

Validation Enhancement - New Lasso Script Event for Viewer

In Validation, a functionality is missing to improve scripting abilities when a user draws a lasso in the viewer.

This problem has been resolved by creating a new script event `AfterViewerLassoDrawn` for the validation form object. This event is fired directly after the user draws a lasso (zone) in a viewer. The following information is exposed with this event: the current XDocument and page displayed in the viewer, the coordinates of the lasso-rectangle, the active index

field, and cancel to prevent the default behavior (which is copying OCR data from that lasso-region to the field.) (SPR00069938)

Validation - Rotated Image Is Not Saved Permanently

When manually rotating an image in Validation, on the screen it looks as if the rotation was accomplished successfully. But when released to an ERP system, the image's rotation was not saved to disk.

This problem has been resolved. The image is now always saved to disk. (SPR00073638)

Text Classification Results Are Not Accessible Via Scripting after Document Separation

The text classification results are accessible after the `Document_AfterSeparatePages` script event is fired. But when the `Document_AfterExtract` event is fired, the text classification results are lost and only the layout classification results are accessible.

This problem has been resolved. (SPR00084392)

Document Review - OpenClipboard Failed (Exception from HRESULT 0x800401d0 (CLIPBRD_E_CANT_OPEN))

In some occasions an error related to the Windows clipboard in a Cytrix environment occurred.

This problem has been resolved by implementing an internal clipboard that replaces the Windows clipboard for user operations such as CTRL + C and CTRL + V. (SPR00084769)

Patch 3

The following problem resolutions were provided with Patch 3.

Thin Client Validation Does Not Obtain the Operator ID in Scripting API

The feature that allows to record the operator ID via scripting is not available in the Thin Client Validation module, which means that the `AC_BATCH_OPERATORUSERID` XValue is not available in script when a batch is processed by Thin Client Validation.

This problem has been resolved. The Kofax Capture Operator ID is now available in script for Thin Client processing. (SPR00066158)

Oracle Database Connections Are Not Closed

When a project uses the `DatabaseDialog.DBLookupODBC` script object in a Validation button click event to connect to an Oracle database, connections to the database are left open.

This problem has been resolved by adding a new method `CloseConnection`, which you should explicitly call from the script. It is best to call `CloseConnection` in the `Batch_Close` procedure. (SPR00069447)

Error Occurs When Attempting to Save Database Connections Settings

When using the `DatabaseDialog.DBLookupODBC` script object in Validation to connect to an Oracle database, and you close the database window too fast (within 1 second,) an error message is displayed. You can close the window by clicking OK or Cancel.

This problem has been resolved. (SPR00069590)

Table Validation Rules Are Skipped under Certain Circumstances

In Validation, when adding rows to an existing table, validation rules are executed again and the state of correctly invalid cells becomes valid. If you select any of those cells again (or

any cell from that row) and click Enter to re-validate them, the same cells become properly invalid.

This problem has been resolved. (SPR00069866)

Viewing Records From an ORACLE View Displays an Error Message

When testing an ORACLE connection for a view the following error message: "The data cannot be saved, please resolve the errors before saving." is displayed.

This problem has been resolved. (SPR00066334, SPR00073277)

Validation Batch Open Performance

Large projects can require significant load times when opening a batch in Validation.

This problem has been resolved by improving the algorithm, which checks the project for changes. This check is necessary to be able to update a project during a batch's lifetime when using the Kofax Capture - Batch Class Update. (SPR00083393)

Allow Database Lookup Buttons to Map to Fields not Present on the Validation Form

Some fields return important information from the database that does not need to be checked or seen by the Validation operator, but if a field is not available on a Validation form, then it cannot be used in a database lookup.

This problem has been resolved. It is now possible to map all Document Class fields instead of only those from the Validation form. (SPR00083797)

Image Cleanup - Advanced Despeckle Enhancement

Image Cleanup functionality to improve the detection of hand-written text is needed. An Advanced Despeckle enhancement, in particular the returning of coordinates from blobs or marks, allows to detect and remove unwanted areas.

This problem has been resolved and an extra functionality of this image cleanup method is now available. You can use the following additional functions within scripting:

- AddBlobRule2()
- CscBlobRemoval.DetectBlobs()
- CscBlobRemoval.DetectAndRemoveBlobs()
- CscBlobRemoval.BlobCount().

A new data type `CscBlobInfo` was added to provide the coordinates as well as mass and proportion. (SPR00084047)

Patch 2

The following problem resolutions were provided with Patch 2.

Interpolation of long tables slows down exponentially

Interpolating rows of large tables (50-100 pages) is much slower in Kofax Transformation Modules 5.0 compared to Kofax Transformation Modules 3.5.

This problem has been resolved. (SPR00069345)

Validating cells of very large table takes too long

The Validate function takes too long for very large tables, especially the update of the table header in the validation form.

This problem has been resolved by improving the Validate function. (SPR00069361)

A2iA CheckReader Does Not Have 2 Fields for Brazilian Checks

When working with Brazilian checks, A2iA CheckReader does not return the values for “Signature” and a country-specific field for Brazilian checks, “Line1.”

This problem has been resolved. The field “Signature” and 12 additional fields (that represent “Line1”) are now available. (SPR00065739)

Patch 1

The following problem resolutions were provided with Patch 1.

Displaying a Field in Whole Field Correction Mode Uses a Smaller Font

In Correction when a field is configured in Whole Field Correction mode, the font size of the text is displayed smaller as when it is first configured in Single Character Correction mode and then switched from Single Key into Full Key mode by pressing F12.

This problem has been resolved. (SPR00046825)

Incorrect Error Message for Missing Training Documents

If you train a project twice, for which a training document is not accessible (due to a missing or corrupted file), a wrong error message, “The image classifier does not support images with less than 96 DPI.” is displayed.

This problem has been resolved by trying to reload the missing document and if needed, displaying a correct error message. (SPR00053183)

Misleading Error Message Changed for Abby FineReader Failure

A misleading error message, “Catastrophic failure,” was displayed when you performed OCR on some images.

This problem has been resolved by displaying the Abby FineReader error message. In most cases the OCR is performed correctly, if you clear the “Matrix” option from the FineReader OCR properties, or if you rescan the image. (SPR00057761,SPR00057720,SPR00058085)

Server Goes Idle Even When Batches Are Waiting to Be Processed

When a project that has both a Line Item Matching locator and Online Learning configured, and batches are processed by Server, the process becomes idle after several days. When this occurs, all extraction and recognition services are still loaded in the process.

This problem has been resolved. (SPR00065551)

Validation Form Layout - Rearranges Items After Scrolling

If a validation form is too long to appear on a single screen, scrolling within the Validation Form Layout causes items on the form to shift unexpectedly.

This problem has been resolved. (SPR00065895)

Document Review - Changed Class Not Retained When Overriding a Problem

If you changed the classification result for a document and then press CTRL+V in order to override a problem, the changed class was not retained.

This problem has been resolved by automatically confirming the class before overriding a problem so that the operator does not have to enter any additional key strokes to retain the class. (SPR00066010)

Improved Control Over Detection of Dotted and Dashed Lines

Dashed lines and dotted lines with variable widths are not detected with sufficient results.

This problem has been resolved. `CscLineDetection` now has 2 new methods:

- `GetLineParams(LineType, MinDots, MaxDots, MinSpaces, MaxSpaces, MinDots2, MaxDots2, MinSpaces2, MaxSpaces2, MaxDotsAbove, MaxDotsBelow, SpaceStart, SpaceEnd)`
- `SetLineParams(LineType, MinDots, MaxDots, MinSpaces, MaxSpaces, MinDots2, MaxDots2, MinSpaces2, MaxSpaces2, MaxDotsAbove, MaxDotsBelow, SpaceStart, SpaceEnd)`

which parameterize the detection algorithm for dotted and dashed (slashed) lines. (SPR00066255)

Trainable Document Separation and Statistics

When Trainable Document Separation is used and extraction is performed in a second Server instance the statistical data is lost after Server 2 processing.

This problem has been resolved. (SPR00066935)

ImageCleanup - Lines Removal Method Causes Error

If Image Cleanup removes pixels from the very last line of an image, memory corruption can occur.

This problem has been resolved. (SPR00066954)

Error Occurs When Attempting to Access `pXDoc.ParentFolder` in `Document_Validate` Event

When trying to access the `ParentFolder` object of the `pXDoc` in the `Document_Validate` script event, the script execution stops because of a runtime error.

This problem has been resolved. (SPR00068440)

Table Locator Fails with Error `StructuredException`

If you test extraction for a project that contains a Table locator in Project Builder, the Table locator method fails and an error message is displayed.

This problem has been resolved and the recognition rate was increased for graphical anchors. (SPR00068444)

Advanced Zone Locator - Recognition of Graphical Anchors Enhancement

For a specific test set for forms, the recognition of graphical anchors had no sufficient results.

This problem has been resolved and the recognition rate was increased for graphical anchors. (SPR00068501)

Opening a Batch Is Time-Consuming for Large Projects

It is time-consuming to switch to another batch, when using a project that has a lot of classes, fields and locators so that all these are inherited by the derived classes. The `Application_InitializeBatch` event, which is called when a batch is opened, slows down the processing.

This problem has been resolved. (SPR00069213)

Documents Lost During Batch Editing Operation

When using Edit Batch mode in Test Validation, Test Documents or the Validation module, moving a child folder from its parent folder to a different folder (move operations for folders are only allowed on the same level), the child folder loses all of its documents.

This problem has been resolved. (SPR00069116)

Displaying Tab Details For a Validation Form Causes Immense Transition Time

If you display tab details for a validation form, it may take a long time to navigate from one field to another as the number of valid and invalid fields are updated.

This problem has been resolved by improving the code to update the number of remaining valid or invalid fields. (SPR00082902)

Project Builder - Fox-Exception When Training a Document for Extraction

A FOX library error message is displayed when attempting to train specific documents for extraction.

This problem has been resolved. (SPR00083260, SPR00081311)

Cannot Specify Both a Windows Service Account and a User Profile

If a user name and a password are specified for both the Log On Account and the Capture User Profile, the password from the Log On Account is used for both. Unless the accounts have the same password, an error in Server is displayed that says "Error in function Login: #01 Unable to validate user."

This problem has been resolved. (SPR00083103,SPR00065952)

Kofax Transformation Modules 5.0 Thin Client Server

The following sections provide important service pack information about the Kofax Transformation Modules 5.0 Thin Client Server.

Changes in Behavior

The following changes have been made to the behavior of Kofax Transformation Modules 5.0 Thin Client Server.

Thin Clients - Configuration Options for Project Caching

Configuration options for project caching on the server side are removed.

Resolved Problems

This section describes problems resolved in Kofax Transformation Modules 5.0 Thin Client Server Service Pack 1.

Thin Client Correction

The following problems have been resolved in Thin Client Correction.

Inconsistent Behavior when Closing a Batch

There is an inconsistent behavior in the way Thin Client Correction closes a batch, which affects the corresponding Validation module. If a field is processed through the Thin Client

Correction module then that field's corresponding document is displayed as invalid in Validation, even if all fields are valid in Validation. In rich-client Correction module this does not happen.

This problem has been resolved. (SPR00085198)

Script Error

An error occurs when reverting back to the default view from full image view in Thin Client Correction.

This problem has been resolved. (SPR00086307)

Thin Client Validation

The following problems have been resolved in Thin Client Validation.

Unable to Key in More than One Value in a Script filled Combo box

In the Thin Client Validation module, the operator cannot key in more than one value in a free content combo box that was filled by script.

This problem has been resolved. (SPR00085396)

Child Class Validation Form not Displayed

When you have marked a class unavailable for manual classification, a document (which is classified to this class) does not display the validation form in Thin Client Validation, and the operator cannot validate the document.

This problem has been resolved. (SPR00086235)

Installing Kofax Transformation Modules 5.0 Thin Client Server Service Pack 1

This section provides information about installing the Kofax Transformation Modules 5.0 Thin Client Server Service Pack 1.

We recommend that you review the *Kofax Transformation Modules 5.0 Thin Client Server Installation Guide* before installing this service pack as it contains important information about Kofax Transformation Modules 5.0 Thin Client Server, including known limitations, certification information, installation requirements, Software Prerequisites, and Windows service pack issues.

Installation Procedures

To ensure successful installation of the service pack, do the following:

Prerequisites

- Be sure that you have full Windows administrative privileges.
- Verify that Kofax Capture 8.0 SP5 or later is installed. If you are using domain log on credentials, Kofax Capture 9.0 SP1 is required.
- Verify that Kofax Transformation Modules 5.0 and Kofax Transformation Modules 5.0 Service Pack 1 are installed. If you do not have version 5.0 of Kofax Transformation Modules, you must upgrade to it.
- Close all Kofax Transformation Modules applications and services.
- Verify that Internet Information Services (IIS) 6 or later is installed.

- Close all applications (including Control Panel, virus detection software, and toolbars) that are running.
- To be able to restore customization settings, Kofax recommends that you make a backup copy of the following configuration files:
 - 1 **Web.config** file, which is located inside the root folder of the Kofax Transformation Modules Thin Client Server installation path.
 - 2 **KCThinClientModule.exe.config** file, which is located inside the \bin folder of the Kofax Capture installation.

Note You can install the service pack on top of the existing Kofax Transformation Modules 5.0 Thin Client Server product.

► **To install the Kofax Transformation Modules 5.0 Thin Client Server Service Pack 1**

1. Download the Kofax Transformation Modules 5.0 Service Pack 1 from the Kofax Web site at www.kofax.com.
2. Mount the ISO image.
3. Select the installer directory for Kofax Transformation Modules Thin Client Server 5.0.1.
4. Run the executable file (KTM_ThinClientServer-5.0_SP1.msi) to install the service pack.
5. Follow the instructions presented to you and when you are notified that the installation process is complete, click Finish.
6. These instructions must be applied to each server running Kofax Transformation Modules.

► **To restore customization settings**

1. Open the newly installed configuration files in a text editor.
2. Apply any custom modifications you had before by comparing them with the backedup files (recommended).

Note Do not replace the configuration files with the backup of the original ones from Kofax Transformation Modules 5.0 Thin Client Server to restore them after Service Pack 1 is installed, because this will overwrite the new settings introduced by the Service Pack.

Uninstalling

Kofax Transformation Modules 5.0 Thin Client Server does not support uninstallation of the service pack. Instead, you must uninstall the entire Kofax Transformation Modules 5.0 Thin Client Server product.

► **To uninstall the Kofax Transformation Modules 5.0 Thin Client Server**

1. Terminate all running Kofax Transformation Modules applications and services.
2. From the control panel, select Add and Remove Programs. For Windows Server 2008, select Programs and Features.

3. From the listed programs, select Kofax Transformation Modules 5.0 Thin Client Server and click Remove. For Windows Server 2008, select Uninstall.
4. When you are prompted to verify that you want to remove Kofax Transformation Modules 5.0 Thin Client Server, click Yes.

Resolved Problems in Kofax Transformation Modules 5.0 Thin Client Server Patches 1 - 2

This section describes problems resolved in Kofax Transformation Modules 5.0 Thin Client Server Patches 1 - 2.

Patch 2

The following problem resolutions were provided with Patch 2.

Ability to Remove the Reject Button from Thin Client Validation

It is not possible to disable rejection in Thin Client Validation. (SPR00083753)

This problem has been resolved by adding a new Web.config option. The option is called "AllowRejection" and can be set to False to disable rejection.

Allow Database Lookup Buttons to Map to Fields not Present on the Validation Form

If a field is not available on the validation form, it cannot be used in a database lookup.

This problem has been resolved. It is now possible to map all Document Class fields instead of only those from the Validation form. (SPR00083797)

Add the Ability to Use Domain Log on Credentials with Thin Client Authentication

Users cannot log on to the Thin Client using their domain credentials.

This problem has been resolved, however Kofax Capture 9.0 SP1 is also required. (SPR00083876)

Thin Client Validation Performance in Internet Explorer 7

Validating a field by pressing ENTER or CTRL+ENTER takes a long time in Internet Explorer 7.

This problem has been resolved. (SPR00084336)

Patch 1

The following problem resolutions were provided with Patch 1.

Thin Client Validation Batch Open Is Slow

Large projects can cause significant load times when opening a batch in Thin Client Validation.

This problem has been resolved. (SPR00083387)

Cleared Tables in Thin Client Validation Cause Errors

If table rows are cleared in script, the graphical user interface is not refreshed to reflect this. Subsequently any action such as confirming cells or adding/deleting rows will produce an error.

This problem has been resolved. (SPR00083755)

Additional Resources

The following section provides additional information such as related documentation, training, and technical support.

Related Documentation

These release notes are a supplement to the following documentation:

Release Notes

Late-breaking product information is available from the release notes. Read the release notes carefully, as they contain information that may not be included in other Kofax Transformation Modules documentation.

Installation Guide for Kofax Transformation Modules

The installation guide provides instructions for installing Kofax Transformation Modules. In addition, it contains information about implementing your installation, certified operating systems, and other system requirements.

Kofax Transformation Modules Configuration Guide

The *Kofax Transformation Modules Configuration Guide* contains information about the configuration modules and how to use them, as well as detailed information about the technology provided with Kofax Transformation Modules.

Kofax Transformation Modules User's Guide

The *Kofax Transformation Modules User's Guide* provides information for operators who work with the interactive modules during production.

The guide explains:

- The purpose of each module
- How to use each module

Kofax Transformation Modules - Thin Client Server Installation Guide

The installation guide provides instructions for installing Kofax Transformation Modules - Thin Client Server. In addition, it contains information about implementing your installation, certified operating systems, and other system requirements.

Kofax Transformation Modules Thin Clients User's Guide

The *Kofax Transformation Modules Thin Clients User's Guide* provides information for operators who work with the interactive modules during production.

Help

Kofax Transformation Modules Help is available from the application components as follows:

- From any of the Kofax Transformation Modules components, press F1, click Help from the toolbar, or select Contents from the Help menu.
- From any application window, press F1 or click Help to display context-sensitive Help information for the window.

Help for Scripting

Information about scripting is available from the Help menu of any Project Builder interface that enables you to write or access scripts.

Training

Kofax offers both classroom and computer-based training that will help you make the most of your Kofax Capture solution. Visit the Kofax Web site at www.kofax.com for complete details about the available training options and schedules.

Technical Assistance for Your Kofax Product

Support for your Kofax product is provided by your primary application support provider, which is specified as part of the maintenance agreement associated with your purchase. Please contact your Kofax application support provider for technical assistance with your Kofax product.

For more information about your product, visit the [Kofax Support pages](#) for:

- Product information and release news
- Access to the Kofax Knowledgebase
- Access to the online Web Incident Management Systems for eligible customers
- Downloadable product documentation

Before contacting your Kofax application support provider, please gather the following information where applicable:

- Product name, version, and serial number
- Log files
- Product license
- Exact error message(s)
- Reproduction scenario