

# Kofax Capture

## Release Notes

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The logo for KOFAX, consisting of the word "KOFAX" in a bold, blue, sans-serif font.

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## Chapter 1

# About this release

The release notes give you late-breaking information about Kofax Capture 11.0.1. Please read this document carefully, as it contains information that is not included in other Kofax Capture documentation.

## Version information

The build number for Kofax Capture 11.0.1 is 11.0.1.0.0.646, which appears in the About Kofax Capture window.

In Batch Manager, if you click System Info on the About window, the ImageControls build number is 5.1.1871.

## System requirements

The primary source of information about Kofax Capture requirements and dependencies on other products is the *Technical Specifications* document, which is available on the Kofax website at [www.kofax.com](http://www.kofax.com). The document is updated regularly and we recommend that you review it carefully, especially if you plan to use Kofax Capture 11.0.1 with other Kofax products.

**Note** Effective with Kofax Capture 11.0.1, the minimum requirement for free disk space is increased to 3.5 GB. When you start the service pack installer, it performs a check to verify that the minimum requirement of 3.5 GB is available. Previously, the minimum requirement was 2 GB of free disk space.

## SBL scripting to be discontinued

Although Softbridge Basic Language (SBL) is available for scripting in this version of Kofax Capture, SBL will be discontinued in the next major or minor release, which is currently scheduled to be Kofax Capture 11.1.0. The primary Kofax Capture scripting languages are VB.NET and Visual C#.

VB.NET scripting was introduced in Kofax Capture 8.0 in 2008, followed by Visual C# in Kofax Capture 10.2 in 2015. SBL scripting, which has been deprecated since Kofax Capture 10.1 in 2013, was maintained in the product to facilitate the transition to the other scripting languages.

At this time, we recommend that you convert any existing SBL scripts to VB.NET or Visual C#. After converting the scripts, be sure to update and publish the applicable batch classes. For details about VB.NET or Visual C# scripts, see the *Kofax Capture Developer's Guide*.

## New features

This section lists enhancements introduced to the product in Kofax Capture 11.0.1.

### Extended support for bar code reading and storage

Earlier versions of Kofax Capture introduced support for the "Retain bar codes and patch codes on all pages" feature to store certain bar code and patch code values (such as the type and location) detected on all pages, even if they are not used for indexing or separation.

You also have the ability to store the bar code and patch code quality, width, and height at the page level, if you install Kofax VRS Elite 5.1.2 after upgrading to Kofax Capture 11.0.1. If full page bar code detection and the "Retain bar codes and patch codes on all pages" feature are both enabled, the following custom storage strings are available for use with custom modules, workflow agents, or validation scripts:

- Kofax.Capture.Barcodes.1.Quality
- Kofax.Capture.Barcodes.1.Width
- Kofax.Capture.Barcodes.1.Height

The value of Quality ranges from 0 to 100. The values of Width and Height are stored in pixels. If the current Kofax VRS version does not support these properties, or the system does not have an EBC license, the returned values are -1.

**Note** If you install Kofax VRS Elite 5.1.2, we recommend that you also install any Kofax VRS fix packs that may be available.

### ABBYY FRE 12 Integration

ABBYY FineReader Engine 12 (FRE 12) is integrated into this Kofax Capture version. As a result, PDF/A-2b and PDF/A-3b are available on the list of PDF/A Compliance levels when you configure the PDF output format for a recognition profile. However, PDF/A-2b and PDF/A-3b Compliance are not supported if Image Compression is also selected.

### Ability to remove dependencies on Visual C++ 2008 Redistributables

To eliminate dependencies on Visual C++ 2008 Redistributables, follow these steps:

1. Install Kofax Capture 11.0.1.
2. Install Kofax VRS Elite 5.1.2 (available separately from the Kofax Fulfillment Site).

**Note** If you continue working with Kofax VRS 5.1.1 or earlier, the dependency on Visual C++ 2008 Redistributables remains in effect.

### Support for Oracle Database 18c

Kofax Capture 11.0.1 adds support for Oracle Database 18c, which must be used with Oracle Database 11g or 12c clients. See [Oracle 18c client not detected by Database Utility](#).

## Chapter 2

# Install Kofax Capture 11.0.1

This chapter describes the installation process for Kofax Capture 11.0.1.

## Complete pre-installation steps

Before performing the installation, you must complete the procedure in this section.

1. Log on to the computer as a user with administrator permissions.
2. Back up your data and your Kofax Capture installation.
3. Confirm that Kofax Capture version 11.0.0 or later is currently installed. You cannot install this service pack over an earlier Kofax Capture version such as 10.2.x.
4. If applicable, remove any preliminary version of Kofax Capture 11.0.1 (this service pack). Refer to [Uninstall Kofax Capture 11.0.1](#) for instructions.
5. Stop services for any Kofax add-on products you have installed. If you attempt to install Kofax Capture 11.0.1 while these services are running, an error similar to the following may appear in the Kofax Capture error log:  

```
0x00000018, 0, 0x80040FDA, 0x00000000, 0x00000000, C:\Program Files
(x86)\Kofax\CaptureSS\ServLib\Bin, DBUtil, <Machine Name>, <File Version>,
Utilities.UnPatchDatabases, 0, [4058] KdoLib: The database is in use.
Please close the following applications or services: Kofax Capture Scan
Application
```
6. If applicable, check the `CaptureSV` share folder to see if it contains a subfolder named `Capture10` that may exist as a result of previous product updates. You can safely delete or rename the `Capture10` folder before installing this service pack.

## Perform the installation

After completing the steps in the preceding section, you are ready to proceed with the installation of Kofax Capture 11.0.1.

1. Continue to work under an account with administrator permissions.
2. Download the installation package for Kofax Capture 11.0.1 and extract the files.
3. Run **KofaxCapture-11.0\_Updater\_EN.EXE** to check for exclusive database connections and proceed with the installation according to the instructions on the screen.  
Any running Kofax Capture services are stopped and restarted automatically. Any open interactive applications are closed automatically; they need to be restarted manually after you finish the service pack installation.

## Exclude database update during installation

You have the option of performing the service pack installation without updating the database. In a high-volume enterprise environment, this approach gives you the ability to keep database connections open during the service pack installation. Then you can update the database separately using PatchDB.sql, which is generated automatically during the service pack installation. In this situation, any attempt to launch Kofax Capture modules before updating the database is forced to stop, and the following message appears in the log file:

```
...[4110] KdoLib: The DatabaseVars.ServicePackNum does not match the current
version: schema=10201, database=<Current Version>.
```

1. Download the installation package and extract the files.
2. Run **KofaxCapture-11.0\_Updater\_EN.EXE /NoDB** and perform the installation according to the instructions on the screen.

After the updater is finished successfully, PatchDB.SQL is generated in the Kofax Capture logs folder. Messages similar to the following are logged to ERR\_yymm.txt.

```
0, SQL Statements are being generated in "<TEMP>\PatchDB.sql".
    ..., DBUtil, <Machine Name>, <File Version>,
Utilities.PatchDatabases,
    0, Copied "<TEMP>\PatchDB.sql" to "<Server Path>\Logs\PatchDB.sql"., ,
    ..., DBUtil, <Machine Name>, <File Version>,
Utilities.PatchDatabases,
    0, Deleted "<TEMP>\PatchDB.sql"., ,
    ..., DBUtil, <Machine Name>, <File Version>,
Utilities.PatchDatabases,
    0, SQL Statements have been generated successfully. Database's
changes must be applied manually.,
```

<TEMP> is the temporary processing path as determined by the logged-in user's TEMP environmental variable.

<Server Path> is the path for Kofax Capture data files. Use ACDeployUtil.exe to view this path.

3. Use **PatchDB.sql** to manually update the database:
  - **MS SQL Server:** Use SQL Server Management Studio to connect to the database. Open PatchDB.sql, turn on Query/SQLCMD mode, and run the script. All commands must be executed successfully.
  - **Oracle:** Use SQL Developer to connect to the database. Open PatchDB.sql and click the Run Script button.
  - **IBM DB2:** Use IBM Data Studio to connect to the database. Open PatchDB.sql and verify that the statement terminator is set to a slash (/). On the configuration tab, select **Commit at completion of script** along with **Stop and Roll Back**. Run the script.

**Note** Kofax Capture stations will not function until you complete this step successfully.

4. Restart any interactive applications that were closed automatically during the service pack installation.

## Patch Web deployment for existing Web servers

To patch WebDeploy for this update:

1. On the web server, delete the `Application Files` folder in the virtual folder.
2. In the set of files you downloaded and extracted for this service pack, copy the contents of the `KCWebDeployPatch` folder to the virtual folder on the Web server.
3. Navigate to the virtual folder.
4. Run: `setup.exe -URL="<url to web server>"`
5. Run: `KCWebDeploy.exe`

## Patch Web deployment for new Web servers

For new web servers, do the following:

- Follow the instructions in the *Kofax Capture 11.0.0 Installation Guide* to configure WebDeploy from the installation media.
- Follow the procedure in the preceding section for patching web deployment for existing Web servers.

## Uninstall Kofax Capture 11.0.1

Use this procedure to remove Kofax Capture 11.0.1.

1. Stop services for any Kofax add-on products you have installed. If you attempt to uninstall the service pack while these services are running, an error similar to the following may appear in the Kofax Capture error log:  

```
0x00000018, 0, 0x80040FDA, 0x00000000, 0x00000000, C:\Program Files  
(x86)\Kofax\CaptureSS\ServLib\Bin, DBUtil, <Machine Name>, <File Version>,  
Utilities.UnPatchDatabases, 0, [4058] KdoLib: The database is in use.  
Please close the following applications or services: Kofax Capture Scan  
Application
```
2. Use one of the following methods to uninstall the service pack:
  - Use Programs and Features or Add/Remove Programs (depending on your version of Windows) in the Control Panel.
  - Use the `msiexec` command to run the uninstallation in a Command Prompt window. At the command prompt, type **msiexec** to view the syntax for all options, including removal.
  - Use an enterprise mechanism designed to remove product updates such as the service pack.

## Chapter 3

# Resolved issues

This chapter lists the resolved issues in Kofax Capture 11.0.1, along with the resolved issues included in fix packs released since version 11.0.0. This Kofax Capture product is cumulative and includes the resolved issues for the fix packs listed here.

- [Resolved issues in Kofax Capture 11.0.1](#)
- [Resolved issues in Kofax Capture 11.0.0.5](#)
- [Resolved issues in Kofax Capture 11.0.0.4](#)
- [Resolved issues in Kofax Capture 11.0.0.3](#)
- [Resolved issues in Kofax Capture 11.0.0.2](#)
- [Resolved issues in Kofax Capture 11.0.0.1](#)

Each Kofax Capture product release is cumulative and includes the resolved issues from earlier releases.

## Resolved issues in Kofax Capture 11.0.1

This section lists the issues that are resolved when you install Kofax Capture 11.0.1.

### KCN Service Config failure

When `aciscfg.exe` (KCN Service Config) was run with a help ( /?) switch, it failed with an error. (1231552)

### Memory leak when Export run as a service

A memory leak was reported for the Export module when it was run as a service over a 24-hour period. (1227826)

### Memory leak when PDF Generator run as a service

A memory leak was reported for the PDF Generator module when it was run as a service over a 24-hour period. (1227825)

### Splash screen not updated for License Utility

The current product and license information was not listed on the Kofax License Utility splash screen. (1222511)

## Version comparison did not consider queue order

The Compare Versions feature could not be used to identify adjustments to the order in which queues were processed. (1222435, 901251)

## Refresh was slow while filtering high number of batch classes

When "Enable filtering" was selected in the Open Batch dialog box in the Validation module, the Refresh response time was slow while filtering a high number of batch classes. (1221122, 1217536)

## Error when SecurityBoost was enabled with Windows Authentication

In a Kofax Capture 11.0.0 environment, the following error occurred if SecurityBoost was enabled with Windows Authentication (1222055, 1217636):

```
Windows Authentication is not supported with SecurityBoost enabled.
```

## Values for hidden fields not accessible

The values for hidden document index fields were not accessible from the DocPreProcessing event in a .NET validation script. (1217620, 1205466)

## OCR Full Text configured for HTML output caused error

If OCR Full Text module settings were configured to generate HTML output, the following error occurred (1213867):

```
c:\ProgramFiles (x86)\Kofax\CaptureSS\ServLib\Bin, Kofax Capture OCR Full  
Text, WINF12OCJR584K:Sess 1, 11.00.0397, , 0, CKfxException: 0x00000012  
COM error File: AbbyyExportResults.cpp Line: 376 Pkg : 0 Stat: 0x0000030A,  
0x00000000, 0x00000000,
```

## Recognition Server closed unexpectedly with FIPS enabled

In a Kofax Capture 11 environment, the Recognition Server module closed unexpectedly if FIPS was enabled. This issue was observed while batches were processed while the "Convert color/grayscale images to bitonal" option was selected. (1212360)

## DECIMAL field values were trimmed if C# validation script was used

The DECIMAL field values were trimmed to the first space or separator if a C# validation script was used. (1203345, 1203343)

## Values held in EventArgs e.PreviousValue in FieldPostProcessing event

The EventArgs e.PreviousValue in the FieldPostProcessing event held values entered by the operator, instead of the initial field values. (1201432)

## Issues when ScanAPI was used

When ScanAPI was used with a custom panel, the scan process became unresponsive after a batch was closed. (1200892)

## User profile warning after update to Kofax Import Connector settings

After Kofax Import Connector settings were updated from the Administration module, the following message displayed when the user attempted to open the User Profiles window, even though the user had proper rights to do so. (1196544)

```
You must have user profile management rights to perform this task.
```

## No record of failed login for user without Administration module rights

If a user with insufficient rights attempted to log in to the Administration module, no record of the failed login was added to the Statistical database. (1195967)

## Changes to upgraded validation scripts not saved

If VB.NET validation scripts from Kofax Capture 9 were imported and upgraded from .NET Framework 3.5 to version 4.6.1, changes made using the Edit button were not always saved. (1195779)

## Error after attempting to close batch in Document Review

After documents were merged in Kofax Transformation Document Review, the following error occurred if you attempted to close the batch in Document Review (1194799, 1194576):

```
[4054] Kdolib: a non-existent field name was used: 'FormDefID'.
```

## Performance affected when high number of table fields were added

When a VB.NET validation script was used to add a high number of table fields, performance was adversely affected. (1193698)

## Text export connector: Edit Default Storage Folder failed when backslash was replaced with an underscore

With the Text export connector, if you edited the path for the Default Storage Folder, it did not work if a backslash was replaced with an underscore. (1193697)

## API: If index fields are set to ReadOnly, page from wrong document is displayed

When all index fields were set to ReadOnly in the DocumentPreProcessing event, Kofax Capture Validation displayed the page from the next document, instead of the current document. (1193058)

## Default user group for new batch classes did not persist

If you used the User Profiles option to assign a default user group for new batch classes, the assignment did not persist when you opened User Profiles again. (1191664)

## Ability to delete first image when standalone separator sheets are enabled

Request ability to delete only the first image when Standalone Separator Sheet is enabled. (1188834,1188833)

To retain the back side of the separator sheet, add the DeleteBackSideSeparator attribute to the DocumentSeparation tag in ACConfig.xml, as shown here:

```
<ACConfig>
  ...
  <DocumentSeparation DeleteBackSideSeparator="0" />
</ACConfig>
```

The default value of DeleteBackSideSeparator is "1".

As another option, you can use the registry to configure the new behavior. Add a new string value named DeleteBackSideSeparator to the following key, and set the value to "0".

**Note** Do not introduce a new DocumentSeparation tag in ACConfig.xml if the tag already exists with other attributes. If both the registry value and DeleteBackSideSeparator attribute exist, then the registry setting is used.

## Database error: resubmit transaction or commit timeout

The following error occurred during a peak processing time, possibly caused by a batch being opened before the previous batch was finished processing (1206056,1183261):

```
"Error: , C:\Program Files (x86)\Kofax\Capture\Bin\Index.exe, Index,
CTXTSAZ00675:Sess 4, 10.2.1.2.0.931, KdoDatabase.cpp, 1817, Fatal database
error - A resubmit transaction or commit has timed out."
```

## Batch assignments displayed incorrectly in Batch Manager

When batches were assigned to two different users, and Batch Manager was run by the first user, batches for both users were displayed. (1182979)

## Wrong .NET Framework used to load export connector settings

When settings for some export connectors were loaded at runtime, they were invalid due to a dependency on a version of .NET Framework that was earlier than the version used by Kofax Capture. For example, when the system was configured to use TLS 1.2, some export connectors relying on this protocol (such as SharePoint 8.4) did not work properly in the Administration module. (1210740, 1182216)

To resolve the issue, open Admin.exe.config for editing after you install this service pack. Then add the following content under the root tag (<configuration>):

```
<runtime>
  <appDomainManagerType value="Kofax.Capture.DomainManager.KfxDomainManager" />
  <appDomainManagerAssembly value="Kofax.Capture.DomainManager, Version=1.0.0.0,
Culture=neutral, PublicKeyToken=2a06c44ecf114f0f" />
</runtime>
```

**Note** Do not add a <runtime> tag if it exists already in Admin.exe.config.

## Request to optimize stored procedure procGetNextBatch

An enhancement was added in response to a request to optimize the stored procedure procGetNextBatch, to minimize the time it takes to get the next batch. The optimization is intended for Workflow Agents used to assign batch access rights. (1181432, 1181431)

## Duplicate records exist after for Folder Class Properties update

When the Apply and OK buttons were clicked in succession on the Folder Class Properties window after updating a property, two records for "folder class: Change property" were added to the Kofax Capture database. (1171877)

## Action not recorded when document class was removed

When a document class was removed from a batch class, the "Doc Class: Remove" action was not recorded in the Kofax Capture database. (1171285)

## Publisher not identified correctly on Security Warning dialog box

When a Kofax Capture 11 web deployment was launched, Kofax, Inc. was not listed as the publisher on the Security Warning dialog box. Instead, the dialog box messages indicated that the "Publisher cannot be verified" or that an "Unknown Publisher" was detected. (1170459)

## Document processing time not reported for Validation

The document processing time for the Validation module was not reported, even though a batch class was configured to track the information. (1169427)

## Blank item listed on Assigned Batch Classes tab

If you imported and renamed a batch class without republishing it, the name was blank when you opened the Assigned Batch Classes tab on the User Profiles dialog box. (1166377)

## RunValidationPlugin did not return XML results

When using a Validation script to call RunValidationPlugin() for a scan source, no results were returned in the XML string. (1164162)

## Invalid bar code coordinates

Invalid bar code coordinates in the CSS were detected when using the Enhanced Bar Code engine while the "Retain bar codes and patch codes on all pages" setting was enabled. (1162207)

## Default values were not populated for Sticky index fields

If the default index field value was set to `Sticky=true`, the values were not populated if the document class preceding the index field differed from the current document class. (1157132)

## Application is Busy exception occurred after setting Validated property

From either the DocumentPreProcessing or DocumentPostProcessing event, setting the Validated property for the current documents caused an *Application is Busy* exception. (1157127)

## Password failed for local user with same name as linked domain user

If you attempted to log in as a local user with the same name as an existing linked domain user, an error occurred when the password was entered. (1152955)

## Custom panel API.NET DLLs needed ManagedApi registry parameter

When using the .NET API DLLs, the DWord ManagedApi was not added as a registry parameter for the custom panel. As a result, the following error occurred (1151902):

```
Error creating user defined panel. Display name: (custom panel name) No such interface supported.
```

## Setting m\_oApp.ActiveBatch.ActiveDocument to Nothing did not move focus to root batch

Setting `m_oApp.ActiveBatch.ActiveDocument` to Nothing did not move the focus to the root batch. (1151680)

## Validation failed with SaveAndSkip or ReadOnly fields

Validation failed if a validation script contained SaveAndSkip fields or ReadOnly fields in the Document PreProcessing event. (1149938)

## Visual Studio 2017 Express edition not detected

Kofax Capture could not detect or open the Visual Studio 2017 Express edition to update a Validation script. (1099853)

## Apply button unavailable on Statistical Database tab

If you moved statistical data from the system database to a separate database, and then updated the Database Configuration settings on the Statistical Database tab in the Database Utility, the Apply button was unavailable. (962055)

This issue occurred only in an IBM DB2 database environment, and not with Oracle or SQL Server databases.

## PDF Generator processing skipped intermittently

When configured to run as a service, PDF Generator was skipped intermittently during the batch processing workflow. (922325)

## Workflow Agent error when updating field value with 255 characters

When a Workflow Agent was used to update a field value to a length of 255 characters, an error occurred if the length was previously shorter than 255 characters. (921021)

## Validation script not accurate after import

If you updated and published a VB.NET Validation script, and then imported an earlier version of the script, the text associated with the original version did not appear. (876307)

## ValidationErrorException did not show message in FieldPreProcessing event

If a validation script included ValidationErrorException to display the cause of an invalid field value, it did not work successfully with the PreProcessing event for an index field. (869058)

## UserID value included escaped values from incorrectly parsed LDAP attribute

The UserID value of the USER table included escaped values from an incorrectly parsed LDAP attribute. (767834)

## Error if no license was available to run oPagesElement.CreateChildElement(PAGE)

If no license was available to run oPagesElement.CreateChildElement(PAGE), and you attempted to run oPagesElement.FindChildElementsByName(PAGE), the following error occurred: (748318)

```
"[4050] KdoLib: An attempt was made to do a operation on recordset with no current record."
```

## Searchable characters missing from text extraction results after update

After Fix 2850 was applied to Kofax Capture 10.1.0.4, processing in the PDF Generator module did not include all searchable characters in the text extraction results. (745623)

## Resolved issues in Kofax Capture 11.0.0.5

This section lists the resolved issues included in Kofax Capture 11.0.0.5.

### Request to remove GRANT IMPERSONATE function

This enhancement supports the ability to remove the requirement for the GRANT IMPERSONATE function, along with the ability to apply direct permissions to Active Directory users and groups. (1214596,1214595)

Manual steps are also required:

- You must add the database login of Kofax Capture to the KCSYSTEMDBROLE database role. As a result, Kofax Capture modules will automatically detect the database role of the current database login and no longer require the IMPERSONATE permission for switching the database execution context.
- Optionally, you can explicitly specify that Kofax Capture modules ignore switching the database execution context without checking the database role by adding the DisableSQLImpersonation attribute to ACConfig.xml, as in the following example:

```
<ACConfig>
  ...
  <KfxDB DisableSQLImpersonation="1">
  </KfxDB>
</ACConfig>
```

**Note** Do not add an additional <KfxDB> tag if it exists already in ACConfig.xml.

Also, revoking the IMPERSONATE permission on KCSYSTEMDBUSER from the database login (if needed) must be done manually.

### CreateTableDefinition method did not work

The CreateTableDefinition method for IDocumentClass did not work. As a result, the following error occurred (1214579, 1214578):

```
System.Runtime.InteropServices.COMException: 'Parameter type mismatch.'
```

### RSA failed to synchronize when license data was cleared at remote site

When the license data was cleared from a remote site workstation, the RSA did not synchronize with the central site license and the following error occurred (1218514, 1212808):

```
"Unexpected Error in ACIClient.GetClasses (0) : Unable to detect license information for the remote site ..."
```

### Remote site license not detected

During synchronization with the remote site, the following license error was logged to the acic1810.txt file (1218513,1204474):

```
Error while synchronizing batch classes: (5) Unable to detect license information for the remote site. Please verify the license configuration or contact the administrator for assistance., Central Site: KofaxCaptureDEV, Station ID: KofaxRemoteDev1:Sess 9 (CD-SM-V00203
```

## Document includes extra pages after error during PDF Generator processing

After an error occurred while processing a document in PDF Generator, subsequent documents included extra, unexpected pages. (1200863, 1200862)

## KCNS synchronization did not sync custom folder after fuzzy database update

In a KCNS environment, a custom folder at the central site was not synchronized automatically to the remote site when fuzzy databases from a KTM project were updated as a result of the "Automatic update from import file" feature in the KTM project settings. (1178285,1178284)

Solution: By default, the custom files of a batch class are not downloaded to remote sites unless the batch class is re-published or administrative data is changed at central sites. To monitor the changes at a central site and automatically download custom files at remote sites without re-publishing the batch class, add the CustomSynchronization tag and the RequireSynchAtRS attribute to ACConfig.xml under the ACIServer tag as shown here:

```
<ACConfig>
...
<ACIServer>
  <CustomSynchronization RequireSynchAtRS="1" />
</ACIServer>
</ACConfig>
```

The KCN Service will start monitoring the custom file changes after the first synchronization request is sent from the remote site.

In case the Capture shared data folder (CaptureSV) is not stored at the local remote server, the KCN Service may be unable to detect the custom file changes automatically. You can append the MonitoringIntervalSeconds attribute in addition to the RequireSynchAtRS, as in the following example:

```
<ACConfig>
...
<ACIServer>
  <CustomSynchronization RequireSynchAtRS="1" MonitoringIntervalSeconds="300" />
</ACIServer>
</ACConfig>
```

This MonitoringIntervalSeconds attribute defines a number of seconds that indicate how often to scan for custom file changes. The default value is 0. If defined, the minimum value is 30 seconds.

To monitor the custom file changes with a specific extension, append the CustomFilePattern attribute in addition to the MonitoringIntervalSeconds, as in the following example:

```
<ACConfig>
...
<ACIServer>
  <CustomSynchronization RequireSynchAtRS="1" MonitoringIntervalSeconds="300"
  CustomFilePattern="*.txt" />
</ACIServer>
</ACConfig>
```

This CustomFilePattern attribute is only valid if the MonitoringIntervalSeconds attribute is defined. The default value is empty, which means all the custom files are checked after a defined number of seconds.

**Note** After updating ACConfig.xml, it is necessary to restart the KCN services.

## Resolved issues in Kofax Capture 11.0.0.4

This section lists the resolved issues included in Kofax Capture 11.0.0.4.

### Error while installing Workflow Agent

An error occurred during the installation of the Kofax Analytics for Capture Workflow Agent for use with Kofax Capture 11.0.0.3. (1175490)

### Sticky field value not used

When images were imported from Kofax Import Connector, the document index sticky field passed the name of the variable instead of the actual value for the variable. (1166687)

## Resolved issues in Kofax Capture 11.0.0.3

This section lists the resolved issue included in Kofax Capture 11.0.0.3.

### Request to support Sticky Field functionality for batch fields

Sticky Field functionality for batch fields was not supported. (1172712, 1168124)

### Actions missing from batch class audit records

Several actions related to document classes were missing from batch class audit records. (1172711, 1164400)

### Inconsistent module names

In the Kofax Capture statistical tables, the name of the Administration module included the product name, which was inconsistent with the names of other modules. (1172713, 1162374)

### Data not included in Administration audit view

The Administration audit view did not show data for the "Group:copy" action. (1172710, 1162237)

## User Name displayed instead of user ID

The Administration audit view “User:copy” action displayed the user name instead of the user ID. (1172709, 1162236)

## Module IDs displayed instead of module names

The Administration and Batch Class audit views displayed Kofax Capture module IDs instead of the module names. (1172708, 1162235)

## Resolved issues in Kofax Capture 11.0.0.2

This section lists the resolved issues included in Kofax Capture 11.0.0.2.

### Process names displayed instead of KTM module names

The Kofax Capture Login Audit logs used process names instead of KTM module names. (1155804)

### Bracket character allowed when it exceeded batch field limit

When a batch field had more characters than allowed, a batch could be created if “{” was contained in the batch field. (1149844).

### WrkInst folder cleared after fix pack removal

The `WrkInst` folder was cleared after a fix pack was removed from Kofax Capture server. (1140969)

### Request to prevent orphaned records

Orphaned records in the `BatchClassFilter` and `BatchFilter` tables were not prevented. (1135798)

### Error while printing PDF file

An error message appeared in Acrobat Reader if you printed a PDF file created in Kofax Capture with PDF compression enabled. (1134561)

### Keyboard shortcut did not work in Validation

After merging two documents in Validation, pressing Shift+Up Arrow selected all documents / images instead of just one. (1121212)

## Request to improve PDF file quality

To enable the enhancement to improve PDF file quality, add the `EnableDLCompression` attribute to the `PDF_Compression_Settings` tag in `ACConfig.xml` and change the value to "1". The default value is "0". (1118667)

```
<ACConfig>
  ...
  <PDF_Compression_Settings EnableDLCompression="1"/>
</ACConfig>
```

**Note** Once enabled, the old compression engine is no longer used, regardless of the settings in the PDF profiles.

## Delay in closing PDF Generator

PDF Generator took more than 2 minutes to close when a personal dictionary was used. (1116447)

## Batch creation allowed when hidden batch field value exceeds character limit

When the default value of a hidden batch field included more characters than allowed by the field type, a batch could be created when it should have been prevented. To validate the hidden field length, add the following tag to `ACConfig.xml` and change the value to "1". The default value is "0". (1116446)

```
<ACConfig>
  ...
  <BatchCreation ValidateHiddenFieldLength="1"/>
</ACConfig>
```

## Unable to generate report with Oracle 12c pluggable database

To enable Report Viewer to use Ole DB Provider for Oracle instead of the ODBC Provider, add the following tag to `ACConfig.xml` and change the value to "1". The default value is "0". (1102650)

```
<ACConfig>
  ...
  <ReportViewer UseOleDbForOracle="1"/>
</ACConfig>
```

## Resolved issues in Kofax Capture 11.0.0.1

This section lists the resolved issue included in Kofax Capture 11.0.0.1.

### Error while moving statistical database

The following error occurred while moving the statistical database:

Can't delete or change record. (1098185)

## FastWebView setting incompatible with some PDF settings

The FastWebView setting was not compatible with some PDF settings. (1082169)

## License corruption issue prevented workstation conversion

License corruption prevented a workstation from being converted to a remote site. (1059363)

## Central site received expiration date

Pointing a remote server license to the central site license server caused the central license to receive an expiration date. (1057821)

## Database Utility interface issue

A minor user interface issue existed in the Database Utility. (1057491)

## Invalid activation code caused connection to License Utility to fail

The License Utility was unavailable after an invalid activation code was entered. (982904)

## Delays caused by excessive connections to License Server

Excessive connections to the License Server caused batch processing delays. (981396)

## Error caused by SecurityBoost

SecurityBoost caused the following error to appear: "An error occurred while scanning or importing - Driver fail."

To prevent the error, add the following tag to ACConfig.xml and change the value to "1". The default value is "0". (979401)

```
<ACConfig>
  ...
  <RevertSBWhenScanning Enabled="1"/>
</ACConfig>
```

## PDF Generator unresponsive

When processing 200 dpi images with PDF Compression enabled, PDF Generator became unresponsive. (979400)

## Intermittent error in Validation module

In the Validation module, the following error appeared intermittently (978705):

```
Encountered an improper argument
```

## Request for Single Sign-On feature for child domains

To use the single sign-on feature for child domains, add the following tag to ACConfig.xml and change the value to "1". The default value is "0". (978702)

```
<ACConfig>
...
<CheckTokenMembership Enable="1"/>
</ACConfig>
```

## Unresponsive module

After using the mouse to hover on a Kofax Capture module window that did not have the primary focus, the module became unresponsive. (976404)

## Deleted state set by mistake

KCN Server queue was mistakenly setting the Deleted state when batches were transferred to the central site. (963830)

## PDF Generator produced error

PDF Generator produced the following error:

```
Access to <path to PDF file> was denied.
```

After this fix is applied, the PDF Generator and OCR Full Text modules will export files to a local temporary folder and then copy them to the destination folder. To restore the original behavior, add the following tag to ACConfig.xml and change the value to "0". The default value is "1". (956357)

```
<ACConfig>
...
<FRE10 UseLocalFolderForExport="0"/>
</ACConfig>
```

## Request to make the ODBC driver configurable for Report Viewer

To make the ODBC driver configurable for Report Viewer, add the following tag to ACConfig.xml (955533):

```
<ACConfig>
...
<ReportViewer ODBCsqlDriver="SQL Server"/>
</ACConfig>
```

Where:

ODBCsqlDriver has one of the following values:

- SQL Server (default)
- SQL Native Client
- SQL Server Native Client 10.0
- SQL Server Native Client 11.0

- ODBC Driver 11 for SQL Server
- ODBC Driver 13 for SQL Server

## Allow PDF generator to add a text layer

To detect the bitmap pages and recognize the text layers in a PDF eDocument page, add the following tag to ACConfig.xml and change the value to "1". The default value is "0". Then restart the PDF Generator module (955531):

```
<ACConfig>
  ...
  <EDocProcessing EnableTextInjectionForPDF="1"/>
</ACConfig>
```

To insert the eDocument page to the final output, add the following tag to ACConfig.xml and change the value to "1". The default value is "0".

```
<ACConfig>
  ...
  <EDocProcessing InsertPagesToOutputPDF="1"/>
</ACConfig>
```

### Note

- If bitmap pages are detected, the PDF output will be overridden to the original page.
- The PDF version may be updated automatically to 1.6 when enabling this feature.
- If the input is a PDF/A file, the output format setting in the PDF profile should be the same as the input file to retain PDF/A compliance. For example: If the input is PDF/A-1a, then the PDF profile should be configured to use PDF/A-1a for recognition.

## Update required for database schema changes

An update was added to support changes to an Oracle database schema. (955527)

## Chapter 4

# Known issues

This chapter contains information about potential issues that you may encounter while using Kofax Capture 11.0.1. Workarounds are provided, as applicable.

## Oracle 18c client not detected by Database Utility

If you attempt to use Kofax Capture 11.0.1 with an Oracle Database 18c client, the Oracle settings in the Database Utility are not available. (1250735)

**Workaround:** Install the Oracle Database 11g or 12c client, and then the Oracle settings are available in the Database Utility.

## Error during service pack removal

If the Microsoft Visual C++ 2005 and 2008 Redistributable files do not exist on the computer from which you uninstall Kofax Capture 11.0.1, the following error message appears: (1224560)

```
Error 1904. Module C:\Program Files (x86)\Kofax\CaptureSS\ServLib\Bin\ACLicDefs.dll failed to register. HRESULT -2147010895. Contact your support personnel.
```

The issue occurs because an earlier version of ACLicDefs.dll is restored during the process of uninstalling the service pack, and the file is dependent on earlier versions of the Microsoft Visual C++ Redistributable files.

**Workaround:** When the error occurs, click **Ignore** to proceed, and the service pack is successfully removed. As another option, you can install the Visual C++ 2005 or 2008 Redistributable files.

## Increase in size of non-compressed PDF files

In Kofax Capture 11.0.1, you may notice an increase in the size of non-compressed PDF/A-3a Text Over Image output files, compared to the file size in Kofax Capture 11.0. The increase is due to the improved ability of the recognition engine to detect pictures. Also, the file size can vary according to the operating system: Windows 10 produces smaller file sizes than Windows 7, which has different system fonts embedded in the output. (1212361)

**Workaround:** You can reduce the size of non-compressed PDF/A-3a Text Over Image output files by turning off the Detect Pictures setting.

## Custom property settings prevent PDF/A compliance

If Custom Properties are set for a document class while PDF Image+Text is selected, the exported PDF file is not always PDF/A compliant. In this case, the following error occurs when PDF/A compliance is verified from Adobe Acrobat Professional (1205085):

```
XMP property not predefined and no extension schema present (XMP 2005)
```

## Help Contents pane empty after selecting from Search Results list

After performing a keyword search in the Kofax Capture Help and selecting an item from the Search Results list, the Contents in the left pane may be cleared. (906255)

**Workaround:** This issue may occur after you select a Help topic that is shared among multiple modules. You can restore the full Contents pane by clicking the Back arrow in the browser to return to the Search Results list, or by clicking the **Welcome to Kofax Capture** Help link at the top of the selected topic.

## Database validation issue with Oracle client 12.2.0.1

Database Validation may cause the Administration module to stop working with Oracle client 12.2.0.1. For example, if Oracle client 12.2.0.1 is used on Kofax Capture workstations, the Administration module may terminate unexpectedly when Database Validation is configured. (776240)

**Workaround:** Install an earlier version of the Oracle client, such as 11.2.0.1.

## Mapped network drive cannot be used as temporary image folder

In a SecurityBoost environment, a mapped network drive cannot be used as temporary image folder. If you attempt to use a mapped network drive for this purpose, the following message appears when you start the Scan module (764580):

```
The image directory specified for the batch cannot be opened...
```

**Workaround:** Use a UNC path as the temporary image folder.

## VRS removed after Windows 10 Anniversary Update

During an upgrade of Windows 8 or 10 Pro to the Windows 10 Anniversary Update (build 1607), Kofax VRS and its drivers are removed. As a result, you are prompted to reinstall Kofax VRS when you start the Administration module in Kofax Capture. (762443)

This issue was observed with the Pro Edition of Windows 8 and 10, but not the Enterprise Edition.

**Workaround:** Reinstall Kofax VRS.

## VRS component not installed

If you install Kofax Capture 11.0.0 in a Windows environment that does not include .NET Framework 3.5.1, the .NET Framework is automatically installed when the VRS component is added. However, if an internet connection is not available during the installation, the VRS 5.1.1 component may not be installed successfully. (762438)

**Workaround:** Verify that an internet connection will be active during the installation, or install .NET Framework 3.5.1 manually prior to the Kofax Capture installation.

## .NET Framework 4.6.1 installation blocked

If your Windows updates are not current at the time that you install Kofax Capture 11.0.0, the installation of .NET Framework 4.6.1 sometimes fails in a Windows 8.1 or Windows Server 2012 R2 environment. In this situation, the following message appears (759977):

```
The update corresponding to KB<number> needs to be installed before you can install this product.
```

## Batch class export issue with Cyrillic characters

If you attempt to export a batch class containing more than 14 Cyrillic characters from the Administration module, the following error occurs (711325):

```
ERROR: Could not flush cabinet: Could not create a temporary file
```

**Workaround:** Rename the batch class using 14 or fewer characters, and then export it.

## Batch fails in Recognition Server in Web deployment

When Recognition Server is run in a Web deployment in a Windows 10 environment, a batch that uses bar codes cannot be processed successfully. (701382)

**Workaround:** Start the Recognition Server module from the Windows Start menu, and then process the batch.

## Microsoft Edge may prevent Web Deployment module from opening

After using Web Deployment to install Kofax Capture on Windows 10, an Application Download Error may appear when you attempt to use Microsoft Edge to launch a module. (699895)

**Workaround:** Change the default browser to Internet Explorer. To make the change, navigate to **Start menu > Settings > System > Default Apps > Web Browser**.

As another solution, you can launch the module in Internet Explorer by specifying the module executable name in the URL, as in this example:

```
http://<server>/Capture.xbap?app=application
```

Replace *application* with the file name for the Kofax Capture module executable, such as ops.exe for Batch Manager.

## License Utility cannot activate remote site backup license

In a Windows 10 environment, the License Utility cannot be used to activate a remote site backup license. (644450)

**Workaround:** Change the service log on user to the domain user, or a user who has access to the `\CaptureSV\Config` folder.

## Unable to launch OCR Full Text module from Run window

On a Windows 10 operating system, you cannot type `ocr` in the Windows Run window to launch the OCR Full Text module. (640272)

**Workaround:** In the Run window, type `ocr.exe` to launch the module successfully.

## Export connector not registered on Windows 10

If you installed Kofax export connectors for use with Kofax Capture, they were not registered or listed in the Export Connector Manager window in the Administration module. (640271)

**Workaround:** Use Run as Administrator to run the export connector installation, and then register the connector manually using the .ini file in the Kofax Capture bin folder.