



# Aquaforest OCR SDK for .Net

Release Notes Version 1.41  
Build 131001

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New features included in version 1.41 of the SDK are listed below.

## 1 NEW FEATURES

### 1.1 “Any CPU” Support

The new version of the SDK now supports applications being built to “Any CPU”. This offers even higher flexibility compared to the former 32 and 64 bit support.

### 1.2 “Convert to TIFF” Image Extraction Method

Previous versions of the SDK process PDF’s Natively. This method places the OCR’ed text layer directly into the original PDF rather than creating an entirely new PDF. The new method is included as an alternative and when enabled will extract the image from the source PDF and create a new searchable PDF. The new option can be useful when presented with problematic PDFs.

### 1.3 Option to Retain Creation Date of TIFF Document

This option allows user to retain the TIFF creation date in the output PDF document.

## 2 ENHANCEMENTS

### 2.1 Signed Assemblies

The new version of the SDK now comes with Signed Assemblies.

### 2.2 Renaming of “OptimisedOCR” to “MultiPreProcessing”

To keep the naming convention relevant to the functionality “OptimisedOCR” has been renamed to “MultiPreProcessing” in the new version.

### 2.3 Removal of Temp Files from User Defined Temp Location

In the this version `_ocr.DeleteTemporaryFiles()` will remove temp files from a user defined temp location. In previous versions it was designed to remove temp files from the system defined temp location.

## 3 CORRECTIONS

### 3.1 Error Message “Invalid YCbCr subsampling” Followed with the Message “cannot handle zero scanline size” when Processing certain type of Color TIFF Documents on 64bit Apps.

The above error messages are generated when processing certain Old-Style Color TIFF documents when using apps built to 64bit. This has been now resolved in this version.

### 3.2 Black and White TIFF documents Saved with LZW Compression Generate Inverted PDF Document.

When converting a black and white TIFF document which has been saved with LZW compression the output PDF document would be inverted. This has been fixed in the new release.

### 3.3 AccessViolationException Received when Deleting Temporary files in Multi-Threaded Application.

Two errors were being generated (randomly) when trying to OCR documents in a multi-threaded application and deleting the temporary files immediately after each document has been processed:

"The process cannot access the file because it is being used by another process"

"AccessViolationException - Attempted to read or write protected memory. This is often an indication that other memory is corrupt." This has been resolved in this release.