



TIFF Junction 4.0 Release Notes

Version 4.01 - March 2014

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<http://www.aquaforest.com/>

1 UPGRADING FROM AN EARLIER VERSION

- This release requires version 4.0 of the .NET framework. The setup will check whether this is installed on your system and if not, will take you to the appropriate Microsoft site to download and install .NET 4.0.
- To upgrade from earlier versions request a new license key from Aquaforest: sales@aquaforest.com.

If you have any questions about upgrading to version 4.0 please contact Aquaforest support: support@aquaforest.com

New features introduced since version 3.2 are listed below.

2 ADDITIONAL OPERATING SYSTEM SUPPORT

This version of TIFF Junction is now supported on the following Operating systems:

- Windows 8
- Server 2012

In addition to the following:

- Server 2003
- Server 2008 R2
- Windows Vista
- Windows 7

3 SUPPORT FOR ADDITIONAL TIFF FORMATS

This version also supports the following TIFF formats:

- JPEG Type 6
- JPEG Type 7

In addition to the following:

- CCITT Group 3 (1-D), Group 3 (2-D)
- CCITT Group 4
- CCITT RLE
- LZW
- Uncompressed (Bitonal)

4 SUPPORT FOR ADDITIONAL PDF/A VERSIONS

This version also supports PDF files being generated to the following:

PDF/A-2b
PDF/A-3b.

In addition to the following:

PDF/A1-b

5 MRC COMPRESSION

Mixed Raster Content (MRC) can dramatically reduce the file size of color scanned PDF files. This compression can be used in the “Convert TIFF to PDF” and “OCR Image-Only PDF”.

IMPORTANT NOTE: To use MRC compression when OCRing image-only PDFs, use the “Convert to TIFF” method for image extraction. MRC compression is not compatible with the “Native” option for “OCR Image-Only PDF” as with that option the images in the PDF are left in place and not manipulated or regenerated.

The compression option via the GUI and the command line (-u 1) are now “smart” in that JBIG2 will automatically be used for bitonal documents and

6 IMPROVEMENTS TO AUTOROTATION

Dictionary lookup has been added to the checks to determine “good” results for rotated pages as well as flip detect for the initial test on whether a page is rotated. These two measures have greatly improved the detection of rotated pages and the determination of the correct rotation to use.

7 IMAGE RETENTION IN GENERATED RTF FILES

When analyzing document pages prior to OCR areas of the document may be identified as being “graphic areas”. When “Treat Image Areas as Text” is set then these graphic areas are treated as text and OCRed. From this release, when “Treat Image Areas as Text” is not set, graphic areas will be included in generated RTFs. Note that in this release all the graphics areas are treated as black and white and color images are converted where required.

8 OPTION TO ONLY GENERATE TEXT FILE OUTPUT

Users who only require text file as output can select the option “No PDF Output” when performing OCR.

9 TERMINOLOGY CHANGE

For consistency with other Aquaforest products the term “Native” rather than “In-Place” is now used to describe the direct OCR processing of existing Image PDF files.