

FasTIFF Workflow Accelerator

The FasTIFF for Harlequin Raster Image Processors (RIPs) provides powerful workflow acceleration capabilities and improved file processing performance. This high-speed RIP Plug-in accelerates TIFF file creation, compression and decompression upon final file rasterization and output to all types of imaging devices.

The FasTIFF plug-in provides improved file processing speeds with advanced capabilities for template-based or standard file name routing automation. It also provides the ability to apply post-process automation using almost any scripting language of your choosing.

This allows for a wide range of automation beyond template-based file routing and conversion. Task automation can be achieved using post-process scripting to individual files or the entire job. Multiple tasks can be combined such as: copy each output file and move to a specific directory, package all output files of a job and copy to an FTP hot folder for transfer to a remote print facility, etc.

Fusion Systems unique CCITT compression algorithms and file processing optimization produce superior TIFF generation performance. FasTIFF is multi-thread enabled to take full advantage of multi-processor systems.

Key Attributes

- Data Formats - Enables fast generation of a wide range of TIFF formats
- Compression - Provides a choice of common industry compression formats
- Throughput - Fast Multi-threaded enabled algorithms on multi-core CPUs
- Automation - Advanced file and job post-process scripting capabilities
- Advanced File Naming - Both Conventional & Template Based file naming

Features & Benefits

Data Formats

FasTIFF also supports tiled, single-file CMYK + Spot color and single-file frame interleaved TIFF, in addition to standard Tag Image File Formats. FasTIFF leverages use of all standard RIP features such as Screening options and licensed color reference libraries as well as the Calibration Manager, preflighting and file correction, font support, roam soft proofing and more.

Compression Formats

As well as the formats supported by the standard TIFF plug-in, FasTIFF supports both CCITT Huffman, CCITT Group 4, LZW and None. At the heart of FasTIFF are optimized algorithms that dramatically accelerate standard compression methods making it the output plug-in of choice for high-end workflows.



FasTIFF Workflow Features

Superior Throughput Speed

FasTIFF takes advantage of the latest multi-core, multi-processor computer hardware and operating systems. FasTIFF is multi-threaded so as to provide maximum performance on today's hardware. This offers the highest performance possible, for last minute production of time critical jobs.

Extended File Naming Options

In addition to standard Conventional File Name output to pre-defined output directories, FasTIFF also provides flexible use of extended template-based naming variables to automatically direct files to a range of pre-established output directories. The benefit is faster, automated file routing for any number of workflow requirements.

Workflow Automation - Advanced File and Job Post-process Scripting

FasTIFF provides both File post-processing and Job post-processing for a wide range of prepress task automation using standard, open scripting languages. For example, with FasTIFF one can easily set up a workflow that automatically moves all of the finished 1-bit TIFF separations of a entire job to an FTP directory or Dropbox account to automatically transfer the separations to a remote printing facility.

These power features, combined with FasTIFFs many other capabilities, allow for easy custom configurations

DATA FORMATS

- 1-bit TIFF - 1 bit per pixel
- Grayscale Images -
- RGB Full Color Images - TIFF
- CMYK Images - TIFF
- PPM TIFF - Lambda, Durst
- Separated (single file per separation)
- Bilevel Images (monochrome) - TIFF
- 8 bits per pixel
- CMYK + Spot Color Images - TIFF
- Inverted CMYK 8-bit TIFF
- Scriptable Post-process task automation by File and by entire Job
Examples: Group and archive all Job files, Group and all Job Files and move to FTP Drop Folder, Rename all Files then send copy to ink presetting press console interface, etc.

COMPRESSION FORMATS

- CCITT Fax Group 4
- CCITT Huffman
- LZW
- None

RIPs SUPPORTED - Harlequin RIP Version 6.0 and Higher

OPERATING SYSTEMS SUPPORTED

- Windows XP Pro, Windows 7 Pro, Windows 10, 2003 Server, 2008 r2 Server, 2012 Server
- Apple OSX 10.5 and Higher through 10.11



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