



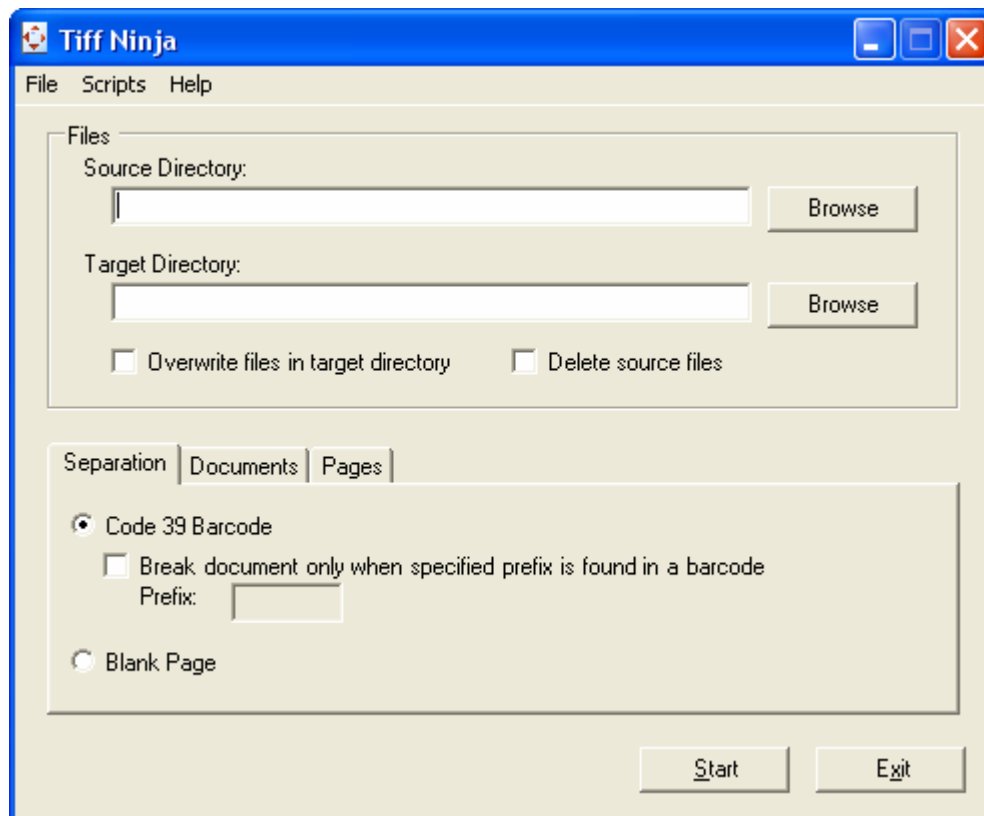
Tiff Ninja
08-22-2005

Overview:

Tiff Ninja from Westbrook Technologies offers advanced Tiff image processing including Barcode Separation, Blank Page Separation, and Page Rotation. Tiff Ninja is offered in two versions: Desktop and Server. Both versions offer the same processing functionality, with the server version offering automated and unattended processing of multiple directories.

Application Settings:

By default, Tiff Ninja is installed to Start > Programs > Westbrook Technologies> Tiff Ninja.



Source Directory:

The source directory specifies a source location to process images from. Tiff Ninja will only attempt to process files with a .Tif extension. Other files in the source directory will be ignored.

Target Directory:

The Target Directory is the file path where all processed images will be written to. Note that images that do not have a barcode or blank page separator will not be moved unless the "Copy file when no break points are found" checkbox is selected on the Documents tab.

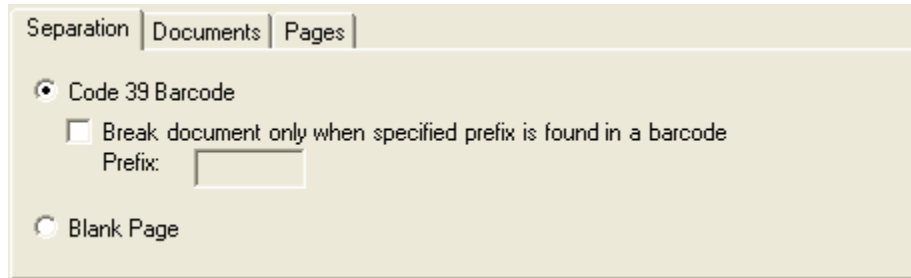
Overwrite files in target directory:

When files are written to the Target Directory, they are given a file name based on the original file name plus an underscore and a sequential number. If a file being processed will create a new file in the target with the same name as a file already in the target directory, the new file will only be created when this option is checked.

Delete source files:

Once processed, files in the Source Directory will be deleted after processing with this option checked.

Separation:



Code 39 Barcode:

With Code 39 Barcode separation enabled, documents will be broken into separate files wherever a barcode is found on a page. Tiff Ninja requires Code 39 (Code 3 of 9) barcodes for this separation method. Other barcode formats are not supported at this time.

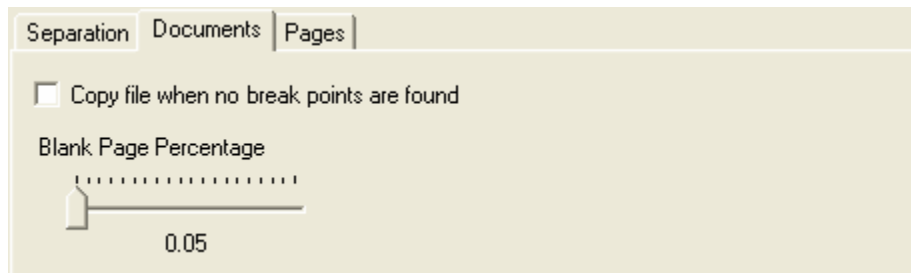
Break document only when specified prefix is found in a barcode:

With this option checked, only barcodes with the specified prefix will be read and processed as barcodes. Any barcode found without the prefix in the barcode data will be ignored.

Blank Page:

With Blank Page separation enabled, documents will be broken into separate files wherever a blank page is found in a document. Note that with this option selected, the blank page separators will be deleted automatically from the document(s).

Documents:



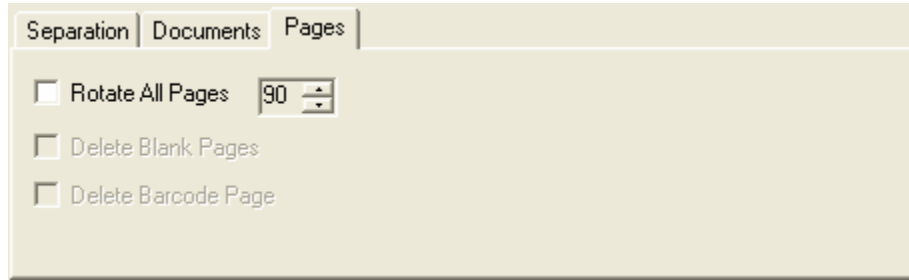
Copy files when no break points are found:

When checked, this option will move document files when no blank page or barcode separators are found. This option may be useful when using the page rotation feature on documents that have no separation requirements. Note that either the Code 39 Barcode or Blank Page separation option must still be selected.

Blank Page Percentage:

This option specifies the percentage of black to white pixels on a document to identify a blank page. The percentage specified applies to blank page separation and blank page deletion options.

Pages:



Rotate All Pages:

When checked, this option will rotate all pages of all documents processed the specified number of degrees in multiples of 90 degrees. It is important to note that page rotation occurs prior to barcode processing. This version of Tiff Ninja only reads barcodes from left to right. If you rotate pages with barcode separation and inadvertently rotate a barcode out of a left to right orientation your barcode identification results may be inaccurate.

Delete Blank Pages:

When checked in conjunction with Code 39 Barcode separation, blank pages as identified by the blank page threshold on the Documents tab will be deleted. When using the Blank page separation option, all blank pages are automatically deleted and this option is disabled.

Delete Barcode Pages:

Only used in conjunction with Code 39 Barcode separation, this option will delete the barcode page from the documents. The delete barcode function should only apply when a supported barcode format is found. When the Break on prefix option is checked, only barcode pages where the prefix match is found will be deleted.

Menus:

File:

Set Timer:

Only applicable to the server version of Tiff Ninja, the Set Timer menu allows users to specify the frequency at which target directories should be polled for files. Note that if the Delete source files is not checked you run the risk of continually processing the same files.

Activation:

This menu is used to activate the 30-day evaluation version of the software. To activate the product, the Activation window must be active when call the Tiff Ninja registration number. To activate Tiff Ninja, call 866-343-6876. Remember, you must be at the PC with the Tiff Ninja activation screen open. The Activation number will change each time the Activation window is closed and re-opened.

Exit:

Exit the product.

Scripts:

Tiff Ninja allows users to save common settings into scripts. Users may define multiple scripts so multiple source directories can quickly be processed by opening the desired script and clicking start. Each script contains its own individual settings, allowing for different processing parameters for each source directory location. Scripts are used exclusively in the server version of Tiff Ninja as all processing is done in the background.

Open Script:

The Open Script menu allows users to select a previously saved script and load its settings into Tiff Ninja.

Save Script:

Save Script allows users to save a new script or overwrite an existing script with different settings. A copy script function may be achieved by opening a script and saving it with a new script name. Note that overwriting scripts can not be un-done. If a script is accidentally overwritten it will need to be rebuilt.

Delete Script:

Delete Script, as the same implies, deletes a selected script. As with overwriting an existing script, script deletion can not be un-done. It is good practice to delete unused scripts to eliminate confusion.

Execution:

Tiff Ninja is licensed per desktop for the Desktop version and per server for the Server version. The Server version provides the same interface for configuring Tiff Ninja, but also includes a Windows™ Server Service that does all the processing of saved scripts at a predefined interval.

From the licensed desktop or server, launch Tiff Ninja from the Start menu under Program > Westbrook Technologies> Tiff Ninja. At this point you may configure the application settings to meet the needs of your application. For the server version to process files, a script must be saved. For the desktop version a script is not required.

Clicking start will begin the processing based on the active settings. At a minimum, a Source and Target path are required to begin processing. While processing (on the desktop version) a message window will be displayed indicating the processing status. The workstation may be used for other tasks while processing, but note that performance may be impacted.

Manual execution of the Server version may be accomplished by following the steps described above. Note that the Windows™ Server Service is installed to run in Manual mode. This is because the service can not function without any scripts defined. Setup your scripts before starting the Service. Also note that the service is installed to start under the local system account. If you intend to process from a source or to a target that is not local to the server running the Service, you must setup Tiff Ninja to start under an account with appropriate permissions to access the Source or Target shares.