Optional Features Available In TIFF Downloader 3.0

There are a number of new capabilities in version 3.0 of TIFF Downloader. Two of them are optionally available at additional price.

Note that TIFF Downloader 3.0 is **only** available with Print Console 2.1. The status is **BETA**.

Plate Ganging

What is it?

Plate ganging allows up multiple 1-bit TIFF files to be imaged on one media during one imaging session. The single media must then be sheared by customer equipment to produce one plate for each TIFF file. For one imaging session the TIFF files may be ganged along or around the drum with a user-specified gutter between each image.

Limitations

1. A maximum of 4 TIFF files may be ganged.
2. Each file must have the same resolution and be of the same size.
3. The same TIFF processing options (e.g. rotation, mirroring, cropping) are applied to each TIFF file.
4. The feature is incompatible with Web Growth compensation as the raster is compensated just prior to output (on the ganged image).
5. The feature is incompatible with the feature that produces multiple copies on output.

What does it cost?

Plate Ganging lists for $15K USD for the software, including up to 1/2-day onsite start-up assistance. A $1500 USD install charge is applicable if installation occurs separately. Service pricing is $185 USD / month for 24x7 full support (15% of list).

How does it work?

Files to be ganged are submitted to the same hot folder in Print Console. The hot folder has the Plate Ganging feature configured in the associated Print Setup. The user groups the files to be ganged into one job and approves the job. The TIFF Downloader computes the amount of space allocated for each TIFF file, based on the size of the plate, the number of files and the gutter. It then reads each file in turn to produce one ganged raster for output. If necessary, it crops each file to fit within the space allocated to it.

How to get it?

Order via part number 22-0147A when configuring a new system. Otherwise, order through Inside Sales.

Web Growth Compensation

What is it?

Web Growth Compensation allows for linear distortion of individual plate separations to account for paper stretch in web press operations. Each TIFF file represents one plate separation. The engine used to compensate is the same one used in Prinergy.

Limitations

1. TIFF files must identify the separation color in a tag or in the filename syntax. The separation color is required to identify the press tower and determine which distortion to apply. If separation color is not available a default tower and distortion can be identified.
2. The feature is incompatible with Plate Ganging as the raster is compensated just prior to output (on the ganged image).
3. If different distortions are to be applied to upper and lower surfaces of the web two hot folders are required (one for upper and one for lower).

What does it cost?

The pricing is the same as Prinergy. Web Growth Compensation lists for $10K USD for the software. A $2300 USD install charge is applicable in all situations to cover setup and training. Service pricing is $125 USD / month for 24x7 full support (15%).

How does it work?

The user configures Web Growth Compensation in a Print Setup attached to a hot folder. The key piece of information is a file containing the distortions to apply based on the tower and surface. The TIFF Downloader applies this distortion to the TIFF file after all of the other manipulations (e.g. mirroring, rotation) are applied.

How to get it?

Order via part number 22-0148A when configuring a new system. Otherwise, order through Inside Sales.