

## ProPag-PreRIP

### Preripping in Newspaper Production



With ProPag-PreRIP, finished newspaper elements are individually ripped (with a Raster Image Processor) in an upstream process in the production workflow. As a result, ad files are converted immediately after production from their original format to bitmaps – which are required for imaging – and then made available for the assembly of digital pages. This technique makes it possible to detect and correct faulty ads very early on. At the same time, the strain on the downstream, time-critical ripping process is noticeably eased.

### Operating principle

In the industrial newspaper production workflow, page ripping is a critical bottleneck in the main production period. With ProPag-PreRIP, this bottleneck is circumnavigated to a large extent by an upstream ad preripping process, thereby increasing production security. In the workflow, the RIP module is located between the ad production process (e.g. AdMan) and the automatic page assembly process (e.g. ProPag). Immediately after an ad has been produced, ProPag-PreRIP instructs the production RIP (e.g. ppiRIP) to convert the ad to bitmap format (TIFF). ProPag-PreRip is able to manage different color information (e.g. 4c, spot colors, delete

masks), so that the complete data is available to the planner for ads whose appearance varies in different editions, and colors can be redirected during planning. In addition, high-quality previews can be automatically generated in screen resolution. The advantage of this is that faulty ads, part-pages or other page elements (e.g. incorrect fonts, colors, etc.) are not only detected at an early stage and clearly visualized as previews, but can also be corrected at a less critical time. The bitmap file created by ProPag-PreRIP is sheathed in an EPS file in a special process to make it available for automatic page assembly with ProPag.

### How you benefit

By using ProPag-PreRIP, production times for page ripping are reduced significantly, since only a few elements on the digital page are made up of PostScript or PDF data. Ideally, ProPag-PreRIP converts all ads to bitmap files prior to page assembly. Ads that are to be published in several zoned editions only have to be ripped once. This guarantees that the bottleneck in the printing plate production workflow, the full-page RIP, does not occur in the first place. This not only makes the ripping process easier to calculate, but also the production of printing plates more efficient and reliable.

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