



## ppiRIP

### Efficient Ripping



Reliable ripping is a prerequisite for a performant, automated prepress workflow, in particular in industrial newspaper production. ppiRIP has been specially designed to meet customers' requirements in this field. ppiRIP can be flexibly integrated in a number of different production environments and used efficiently and reliably as both a production and ad RIP. In the Publishing Workflow, the ripped files are transferred directly to ppi's output management system (OM). All RIP processes, which encompass a broad range of functions, can be administered, visualized and controlled on an enhanced GUI.



### Reliable production RIP

ppiRIP is a Harlequin-based RIP that has been designed for use in the automated newspaper production workflow. As a classic production RIP, it guarantees secure and efficient ripping of digital pages. ppiRIP supports PS Level 3, all PDFs up to V1.7 (incl. PDF/X-1a and PDF/X-3) MS XPS and TIFF input formats. In the workflow, ppiRIP is located between the page assembly and CtF/CtP imaging systems. Digital pages supplied by ppi's page assembly system are converted to a bitmap format and then forwarded directly to the plate production system with OM. Special adjustment functions guar-

antee enhanced administration and optimized handling in the newspaper workflow: Formats for newspaper dimensions and resolutions are generated and fonts, including replacement fonts, are managed and automatically inserted.

### Increased security

To ease the load on the full page ripping process during the "live" production phase and to increase overall production security, ppiRIP can also be used as a separate ad RIP in the Publishing Workflow. In conjunction with the optional page assembly control module, ProPag-PreRip, ads are

converted to a bitmap format directly after layouting. Any problems can be detected and rectified very early on. ppi's page assembly program ProPag automatically integrates these pre-ripped ads in the digital page later on. Enhanced color management in the workflow, including 4c composition of spot colors and grayscale conversion, is – despite preripping – retained for each ad according to its placement.

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