Producing Printing Plates - Just in Time

EAE
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EAE Print Image controls the production of printing plates – from the entry of the digital page to the output of the finished printing plate. Based on web off-set press planning, EAE Print Image constantly ensures efficient plate production with optimized production times and increased production safety and quality.
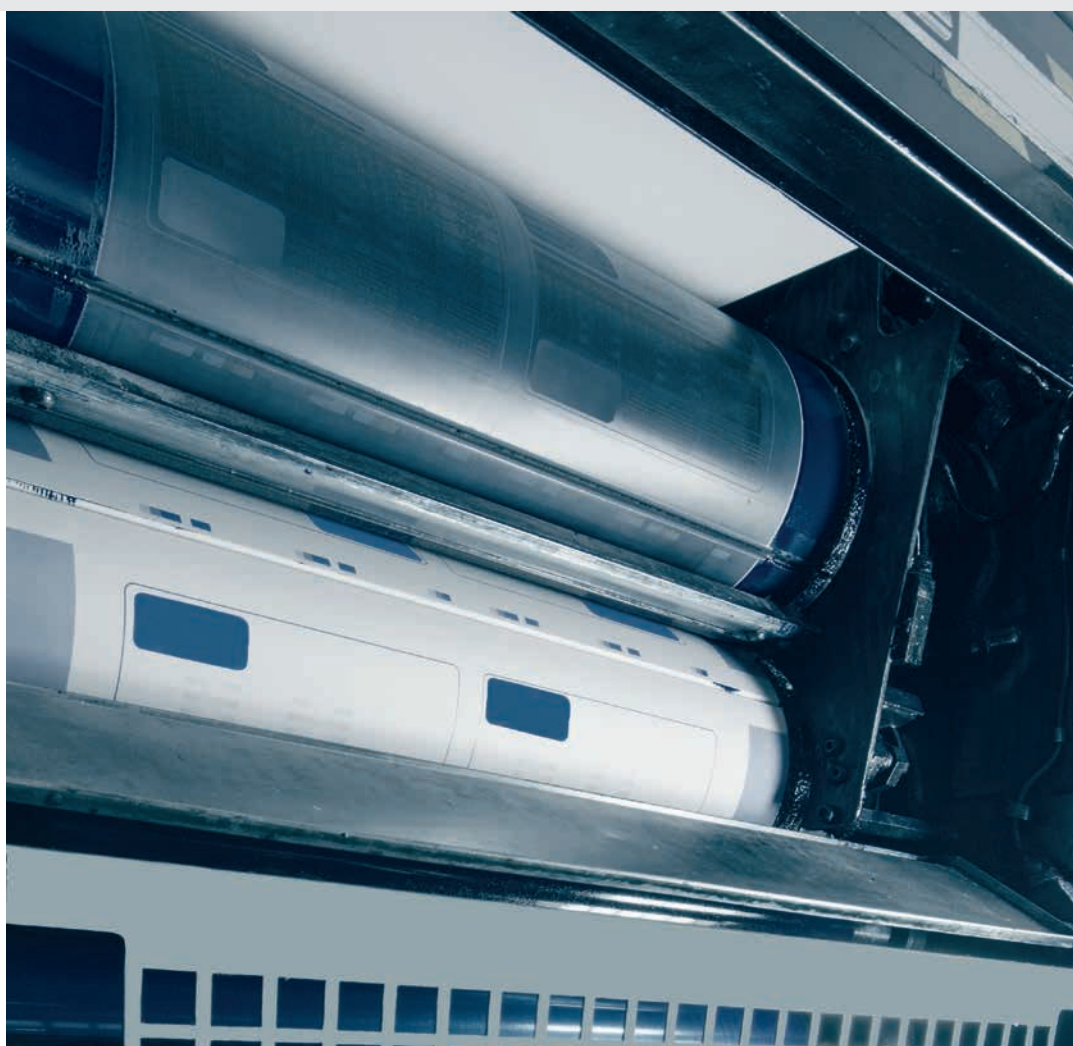
The production of printing plates is the link between the layout of a print product and the actual print process, creating an essential foundation for the quality of your products.

Bad planning or multiple planning results from, e.g., rescheduling or the everyday time pressure from the publisher, only results in additional cost expenditures.

EAE Print Image prevents costs

EAE Print Image automates and optimizes the production process from entry of digital pages in the formats PDF, PS, EPS or TiFFG4 through output using all production processes (CtF, CtP, CtcP, CtPress).

With its sophisticated hardware concept, EAE Print Image offers you flexible production safety. It administers the versions of your print pages and archives all PDF and TIFF files. By using EAE Softproof calculation and sharing pages via a web-enabled client, you can quickly respond to changes from the publisher and integrate them into the workflow.

Your benefits

- Optimized plate production leads to increased output
- Reduction of plate waste
- Increasing quality and production security
- Reduction of personnel
- Minimization of errors

Automatic page pairing for tabloid products and ink zone calculation for the rotary press complete the EAE Print Image portfolio. Before exposure, EAE Print Image adds additional information to the printing plates in the non-printable area, e.g., barcodes, plain text, register marks, gray scale and color control marks. The plate address can also be marked on the plate as a part of the merging process, or later-on as an inkjet label.

EAE Print Dispo creates potential

EAE Print Image is a component of the Print family. Thanks to the existing PRIME interface „PRIME Plate Production Definition R2", this module can be used non-proprietarily as stand-alone. Furthermore, the additional application of the EAE production planning system Print Dispo offers you the optimum supplement for an even better, fully automated, production of printing plates.

The production of printing plates can be controlled on the basis of the production planning data from EAE Print Dispo. These print scheduling components recognize your production times, the format of the printing plates, target number of plates, etc.. By evaluating this data, the printing plates are optimally produced when they are needed. Therefore, with EAE Print Image, only the printing plates that are actually needed are produced and plate waste is prevented.

When the printing house uses multiple CTP installations, EAE Print Image also incorporates the capacities of the production lines in its calculations for printing plate production. Free CTP capacities are immediately used and the load is evenly distributed on all image setters (load balancing). Thus, an optimal utilization of your hardware structure is achieved.

All the printing plates for a page (e.g. 4C or makeovers of a page) are done via the same CTP. This ensures high register accuracy and prevents further sources of errors.

The optional PDF workflow guarantees additional production safety because EAE Print Image can process PDF files in addition to the TiffG4 image format. EAE Print Image can complete image file operations, which are very computationally intensive on the TiffG4 level, and on PDF level as well. This increases capacity during page pairing, rotating, mirroring, cutting to size, etc. Your production times are optimized and the additional possibility of preflight and potential color savings (UCR) due to color ratio increase the quality of your products.

Maintain the overview

EAE Print Image evaluates the status and error information of the individual production steps and can graph the threat of exceeding production deadlines.

Connected with the clear representation of all production-related information on productions or production dates, e.g. production status, updates, you also receive an optimal production and progress overview.