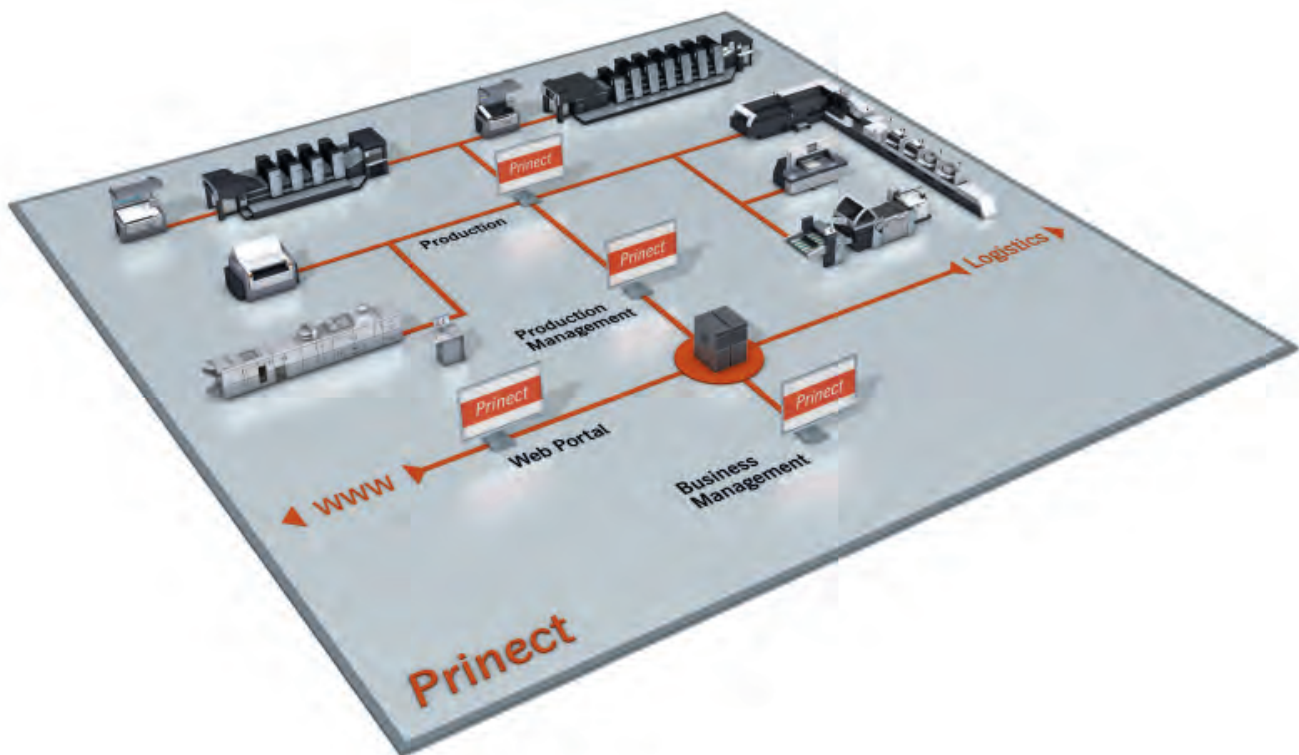*Prinect*
Prepress Manager

HEIDELBERG

Efficient production begins in prepress • To successfully respond to the increasingly demanding requirements of the printing industry, a prepress department needs to be perfectly equipped and integrated. It should be able to process the rising number of highly varied print jobs in the shortest time possible and effortlessly process lucrative jobs with complex requirements.

Prinect® Prepress Manager® does just this thanks to its innovative automated functions for job generation, data acceptance, preflighting and preparation through to imposition and proofing, approval cycles and plate imaging. It allows central control of all work steps with transfer of presetting data to the pressroom and postpress. This avoids errors in prepress and sustainably accelerates and optimizes processes.

Unrivalled transparency, reliability and convenience in process control • Prinect Cockpit is the common user interface in the Heidelberg print shop workflow. It is the monitoring and control center that provides maximum transparency for all who work with it: the system centrally collects all data relating to a job in real time and Prinect Cockpit clearly displays these data to users throughout the print shop. It ensures there are no misunderstandings about the job's status, scope or scheduling and all the information needed for planning further operations and activities is available at all times.

Automation – the key to greater efficiency
Before the data supplied by the customer can be printed, it needs to go through numerous routine operations. Preparing print data manually takes a long time and is prone to errors. With Prinect Prepress Manager, the operator can select which operations the system should carry out automatically. He can match the level of automation to the complexity of the print job, so the processes leading up to the printing stage are carried out very much faster and more reliably.

The system that grows on the job • Prinect Prepress Manager is modular and therefore scaleable. Its software modules range from automatic conversion, checking and optimizing incoming print data, impositioning of the sheet layout, assigning suitable screening processes through to ripping, calibrating, proofing, approving, plate imaging, generating presettings and the final archiving. Whether a simple flyer or a complex, versioned job, Prinect Prepress Manager has the right module to make your work easy.
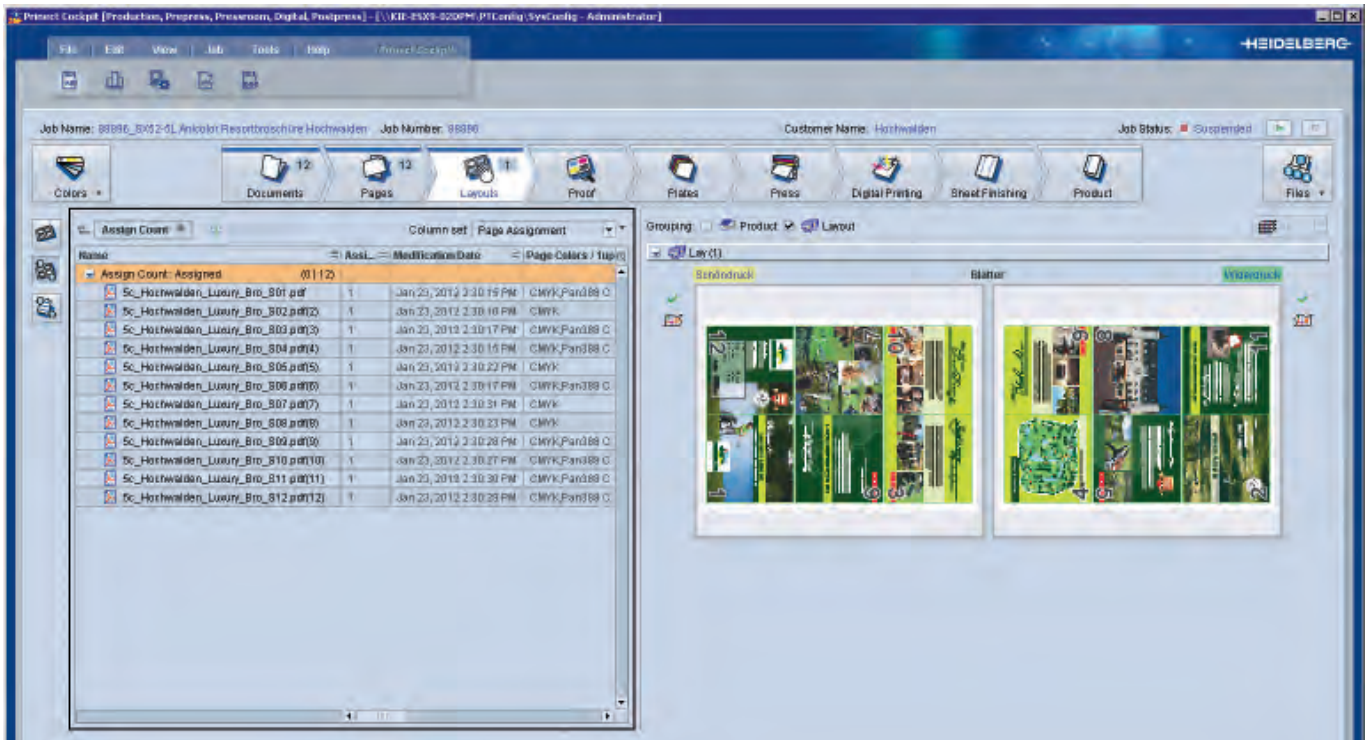
Fast and reliable creation, checking and preparation of PDF files
Rapid PDF creation • When the customer is unable to deliver a print-compatible PDF, Prinect Prepress Manager converts TIFF-IT/P1, PostScript® or EPS files automatically into PDF. Separated PDF files can also be easily used in the workflow. PDF Recombiner can even combine them into composite data, enabling color modifications and trapping.

Perfect preflight tools for early identification of errors and flaws in the PDF • The quality of a PDF has a major impact on the subsequent print product, which is why Prinect Prepress Manager includes the Heidelberg Preflighter for reliable and at the same time efficient, automatic checking of all PDF documents in the processing queue. The Preflighter enables across-the-board pre-flight checking according to easy to select parameters. These include checking fonts or image resolution, which application has been used to generate the PDF, or whether the PDF contains white overprinting elements. With PDF Assistant you can generate interactive Heidelberg preflight profiles, which are then integrated into the automated workflow.

Errors are immediately identified, reported and frequently resolved all in the same operation. Any other flaws are flagged for follow-up processing by either the operator or the customer. The reports generated by Heidelberg Preflighter are easily understandable, can be used to prove quality and can also be sent to the customer by email. All error messages in the report are linked to the objects causing the error in the PDF file, so with just a mouse click the user can immediately access the flagged location in the PDF.

Prinect Prepress Manager can also seamlessly integrate the well-established Enfocus technology for pre-flight checking. This means that tried and proven PitStop preflight profiles and Action Lists can be automatically used in the workflow, making your checks and corrections even more efficient.

Very comfortable: layout preview in Prinect Cockpit

Perfect color management and trapping

Automatic color space transformation • Error-free
conversion to the destination color space has a deci-
sive impact on the subsequent print quality. Prinect
Prepress Manager can perform transformations such
as from Lab, RGB and spot to CMYK or Euro-Offset to
Newspaper reliably and fast. It also supports Hexa-
chrome® colors and DeviceLink profiles.

**Swift preparation of further stages for print
production •** Prinect Prepress Manager has the right
tools for further preparation of the data, including its
own superb trapping solution. Incoming PDF files are
analyzed and the required traps are automatically
generated as real vector traps.

**Professional tools for process calibration, profile
generation and quality control •** With Prinect Color
Toolbox, Heidelberg® has all the special tools you need
to set up and monitor perfect color management. The
modules in the package work optimally with Prinect
Prepress Manager and together, they ensure color con-
sistency and rapid adaptation to changing print
conditions.

More safety and convenience in the PDF workflow

Interactive controls and corrections in the PDF
The Trapper can be used to automatically generate
traps in the PDF and Trap Viewer displays them on
the screen so you can check them. Similarly, Color
Carver makes its color modifications and Color Viewer
displays them. The tools in Prinect PDF Toolbox can
be used to make changes to individual objects in the
PDF.

Well-informed • The settings you defined when pre-
paring the PDF can be attached to the PDF as a note.
This means all users as well as print shop customers
can see them and understand the changes that have
been made to the file at any time.

Semi- and fully automated impositioning

Prinect Prepress Manager enables the fast and reliable production of perfectly impositioned sheets. It uses a pool of JDF impositioning schemes supplied by Prinect Signa Station. Pages can be assigned either under full visual control in Prinect Cockpit or automatically, depending on your requirements. Jobs with impositioning requirements that go far beyond the standard can be easily processed by opening Prinect Signa Station interactively from Prinect Cockpit. This ensures all changes are carried out directly in the relevant job.

Easy impositioning control • Layout Viewer opens the job's existing layout, including the assigned pages, in Acrobat for checking without having to use Prinect Signa Station.

One workflow system for all output options

More flexibility than ever before • With Prinect Prepress Manager, every prepress operator can choose freely between the available output options. The integrated Prinect Renderer takes over proof and plate output. Last minute page changes, color accurate proof generation or switching jobs to other devices can be effected from any workstation.

Mock-ups made easy • With PDF Imposer, you can generate mock-ups without having to glue or trim any form proofs. They can be output rapidly and easily on double-sided printers integrated into the workflow via Prinect Renderer. PDF Imposer can also generate entire PDF sheets with all the pages, marks and color control strips according to the current imposition scheme and then output them via a PDF RIP, enabling third-party RIPs to be used with the workflow.

Perfect add-on modules for special tasks

Prinect Prepress Manager can be expanded at any time with optional software modules to provide print shops with efficient solutions for their special requirements.

Direct control for digital printing • With the aid of add-on modules, you can chose whether you want to use a digital print system or an offset press. The optional Digital Print Connector ensures that the data prepared by Prinect Prepress Manager can be just as easily output on digital printing systems from HP, Xerox, Canon or NexPress as on proofers or plate-setters.

When it comes to the integration of Heidelberg Linoprint machines, Prinect Digital Print Manager additionally enables the parameterization of typical digital print products such as personalized flyers and brochures from imposition through to postpress using a special document-oriented user interface.

Coating forms easily generated • The Coating option generates data for perfectly fitting coating plates within seconds. This module offers you a wide range of options for the areas you want to coat, such as page frames or images. It also allows you to manually intervene and remove individual coating elements.

Versioning made simple • The Versioning option helps to cost-effectively and reliably produce jobs with regionalized content. You can assign, for example, multilingual data to the various language versions during data acceptance and then automatically separate them. The system then checks whether the job can be produced with only a few plate changes. If Prinect Prepress Manager identifies any problems, it guides you to the relevant elements in the PDF so you can then take appropriate remedial action. Finally, the individual color-text combinations can be easily proofed and the necessary plates can be imaged following approval. Production of the language versions can be tracked with ease throughout the entire job.

Smart Automation • If Prinect Prepress Manager receives a large number of jobs from the Web-to-Print-System (Prinect Web-to-Print Manager) or MIS (Prinect Business Manager) Smart Automation enables jobs to be generated and processed as individual jobs or gang forms with the maximum of automation and the minimum of user intervention.

From Prinect Prepress Manager to the complete Prinect Workflow • Hardware and software modules make Prinect the modular print shop workflow from Heidelberg that can flexibly adapt to the individual requirements of any print shop. Components can be added at any time, no matter at what level you begin to use Prinect. Starting with Prinect Prepress Manager, you can build up your workflow step-by-step until you have achieved a seamless JDF-based workflow by configuring in the components for press room control or connecting post-press, the Management Information System or a Web-to-Print system.

Print buyer integration via the internet
The Prinect Remote Access internet portal considerably streamlines all data, coordination and approval processes for plate production. It enables documents to be uploaded directly into the job context, proofing can be done online, customer approvals and comments can be transferred online, status information exchanged and it can also provide final documents for downloading.

Optimal data archiving and management
Prinect Archive System enables you to reliably and efficiently archive your data. The Prinect Content System also offers the benefits of cross-server management and search functions for convenient data management throughout the entire production workflow. Prinect optimizes and automates workflows, making them straightforward and transparent. It plays a key role in optimizing coordination processes and increasing throughput while maintaining consistently high quality.

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