# Sustainable success in the networked print factory

Analyse – Integrate – Optimise – Benefit

## Benefit from transparency
### Optimum process management.

Imagine having all the latest data from your print company at your fingertips. Not just in office statistics, but wherever you may be and always up-to-the-minute. You could optimise and manage processes independently of your present location – and not only that: The whole workflow would practically organise itself. In a networked print factory, products, presses and tools are continuously exchanging information via wireless chips and sensors. You are the pilot at the controls. Together, we realise your vision and accompany you through your digital transformation.

## Activate resources
### Investment already pays off in the first year.

You want to further improve the efficiency and profitability of your printshop? The only way forward is to activate all existing resources. Innovative process optimisation uncovers previously hidden potential. Information is automatically collected from all process steps along the value chain, structured, analysed in a real time and made available across the whole company. Our complete networking solution serves to link all the involved departments – from sales, order processing and purchasing, via pre-press, production and logistics, through to accounting and controlling.

## Utilise the benefits
### Further enhance the profitability of your company.

- Boost efficiency with corresponding software tools and consulting services
- Overview of all sales activities, business processes and costs
- Unbroken data flow using standardised data exchange formats
- Faster makeready thanks to the transfer of presetting data
- Exact cost accounting and clearly measurable ROI
- Real-time shop floor data collection as a basis for successful lean management
- Standardised work processes reduce the likelihood of mistakes
- Optimised materials management through precise consumption monitoring

## Analyse with Workflow Consulting
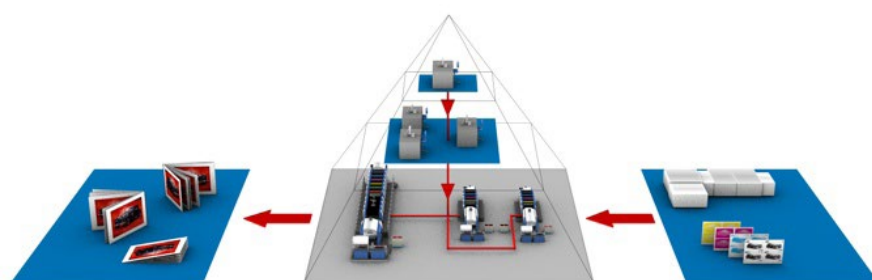### The basis for consistent networking.

KBA has always stood for outstanding press technologies. But with its Complete workflow solutions, KBA is equally your competent partner for printshop networking. With sound expert knowledge and innovative approaches to process optimisation, we support the digital transformation of your company.

Every company is different, and that calls for very precise analysis. We advise you on all aspects of printshop planning and management. Before you actually start to work with our software solutions, we define joint targets and analyse the processes and systems which are to be networked. An individually tailored solution is then developed for your specific project.



**Production becomes transparent**
The most important pillars are the fully automatic shop floor data collection of press and production data, the use of intelligent and self-learning production systems, and purposeful integration between the shop floor and the top-floor commercial offices. This establishes a closed communication loop in which job, planning and resource data from the management software can be sent directly to the consoles of the connected presses, and relevant production data are automatically returned to the cost accounting module of the MIS.

## Integrate with Workflow Software
### Transparency in real time.

The transformation into a "smart printing factory" calls for close networking of the relevant processes with the production centres and the measuring and control systems on the presses.

With our complete solution, information gathered from all process steps along the value creation chain can be structured, analysed and made available across the whole company in real time. This achieves the transparency which is necessary for company-wide planning and control, as well as fast and flexible reaction to customer demands.

Two components are involved: A management information system (MIS) and production planning and control software (PPS). The management information system represents the hub of your networked print factory. Our production planning and control software KBA LogoTronic provides the necessary interfaces and serves as the link between production and the MIS. With the combination of both systems and their real-time communication, we offer you an ideal solution from a single partner.

### Differentiation through integration.

For us, innovative process optimisation means JDF-compliant networking of equipment and systems from different pre-press, press and post-press manufacturers. Any system which is able to interpret JDF data can be integrated into the process chain. Communication gaps in the workflow are closed, and process reliability increases.

The Complete production workflow integrates not only the solutions of KBA technology partners Kodak, Esko, Optimus and Printplus, but also products and software from other suppliers. This open approach is especially appreciated by our users.

### Complete Print. X

Print.X is the ideal entry-level CIP4 solution for commercial printers. It is characterised by a minimised investment outlay and simple implementation. Intuitive user interfaces accelerate familiarisation. Print.X supports the maintenance of customer and master data, order management and inventory organisation, and exact shop floor data collection as the optimum basis for meaningful cost accounting.

### Complete Optimus Dash

Complete Optimus Dash is a global MIS solution for packaging, commercial, web and digital printers. This high-end package offers a host of unique functionalities, right up to online solutions for print providers and their customers, and can be expanded step by step as needs grow. Powerful and flexible templates require only a minimum of keyboard inputs and implement additional functions such as time management, inventory control, order and invoice processing or reporting.

### LogoTronic Professional

LogoTronic Professional is an innovative CIP4/JDF-capable production planning and control solution. It serves as the link between MIS, pre-press, print and post-press. LogoTronic makes presetting data available to the individual presses, and later returns real-time production and resource data to the MIS. The saving and communication of presetting and repeat job data via LogoTronic achieves significant makeready savings. And with tools such as SpeedWatch or the integrated information cockpit, LogoTronic maintains a permanent overview of your key performance indicators.

In conjunction with a Complete MIS, LogoTronic Professional permits optimum integration of the printing facilities into an unbroken JDF workflow – irrespective of how many presses you are operating at any number of different locations.

- **Complete Print.X**
  Compact management information system, matched precisely to the needs of commercial printers
- **Complete Optimus Dash**
  Global MIS solution for the modern packaging, commercial, web or digital print company
- **KBA LogoTronic**
  JDF-capable production planning and control system as the link between production, pre-press and MIS.



## Optimise with Workflow After-Sales
### Successful organisation with a 360° view

Integrated access to all data relating to sales, job preparation, planning, production, management control and logistics, as well as the interfaces to e-procurement and web-to-print systems, facilitates optimised work processes.

Development into a smart printing factory is a process of fundamental change with consequences reaching far into the future. We apply our benchmarking know-how and technological expertise to support the digital transformation of your print company.

We remain at your side throughout on-site implementation and adapt the system to your individual circumstances. Training for your staff, remote maintenance services and regular updates and upgrades for your software round off our service portfolio.

## Fascination in real time
### Visit our Complete Lounge.

We have set up a special demonstration centre in Radebeul near Dresden to help you take your first steps along the path to a networked print factory. In our Complete Lounge, we would be glad to introduce you to different networking solutions.

Experience the automatic interaction of the most varied systems and software modules. Practical examples illustrate the possibilities to optimise your own company processes. Together, we can explore concrete solution approaches for the implementation of your smart printing factory – taking into account both technical feasibility and all economical aspects.

Alternatively, you could simply request an online presentation of the most important facts and applications in a dedicated web demo. A phone call is all it takes!

### The future of your printing company starts with a call or e-mail

Diplom-Ingenieur Chris Waschke
Telefon: +49 (0)351 833-2529
E-Mail: Chris.Waschke@kba.com

### You want see how the networked print factory works?

Then make sure to scan the QR code below and watch the video.



KBA
Koenig & Bauer Group