### Workshop 30 Automated folding box production

# PRINECT USER DAYS

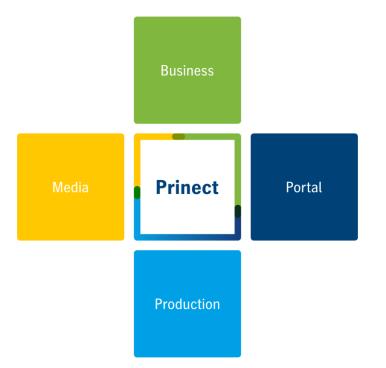
November 15 and 16, 2016

Sabine Roob, Marc Woschei Heidelberger Druckmaschinen AG

© Heidelberger Druckmaschinen AG Prinect Packaging

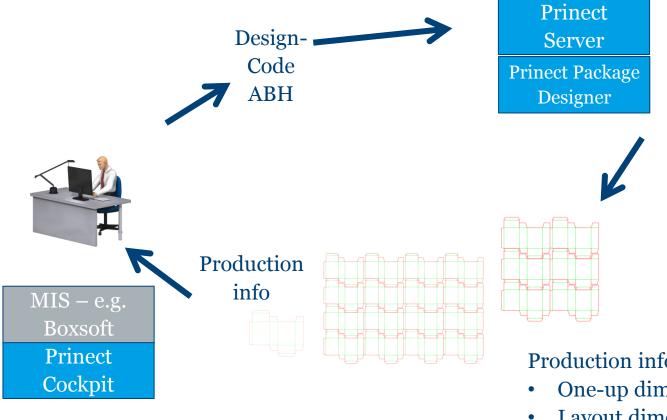
### Agenda

- 1. New packaging features in Prinect 2017
- 2. Demo
  - $\rightarrow$  Prinect Portal
  - $\rightarrow$  Automation with Conditional Processing
  - $\rightarrow$  Automated PDF Compare
  - $\rightarrow$  One-up preparation
  - $\rightarrow$  Sheet layout for gangform
- 3. Discussion



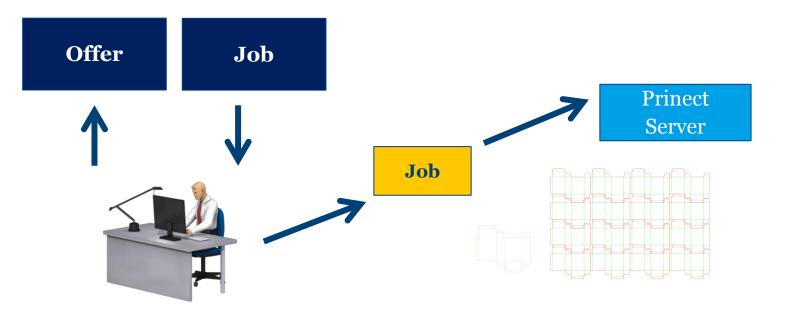


### Automated design- and layout creation Exact data for estimation



- **Production info:**
- **One-up dimensions**
- Layout dimensions
- Amount of one-ups per sheet
- Length of knives per sheet
- • •

### Automated design- and layout creation Production with data from estimation



Advantages:

- $\rightarrow$  Exact data for estimation, predictable costs
- $\rightarrow$  Early material reservation possible
- $\rightarrow$  Automated production

### **Prinect Portal**



### Up-to-date, browser-based UI for different user

- → Internal usage of Prinect for sales and production Prepress and Press
- $\rightarrow$  Options for customer integration
  - $\rightarrow$  Prepress Portal Service
  - $\rightarrow$  Business Portal Service

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#### Widget

#### User-spezific display

### **Even more Smart Automation**



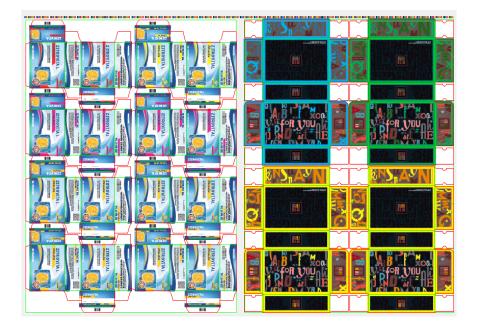
- $\rightarrow$  Fast, automated job processing:
  - $\rightarrow$  Automated processing of jobs differentiated by PDF features (conditional processing)
    - $\rightarrow$  "If..., than ..."-rules for process control
  - $\rightarrow$  Jobs from MIS, Webshop and as well Prinect Portal can be automatically processed
- $\rightarrow$  Advantages:
  - $\rightarrow$  Faster and more flexible processing times
  - $\rightarrow$  Operator can focus on other tasks



## Prinect 2017

New packaging-specific prepress functionality

- → PDF import for graphic design in Package Designer facilitates simulation of refinement effects
- $\rightarrow$  PDF Compare automated in process plan
- $\rightarrow$  Customer specific color tables
- $\rightarrow$  Optimization of gangform production
- → Complete workflow support for two die sheets on one print sheet



### Advantages for packaging production



- $\rightarrow$  Secure production, risk reduction
  - $\rightarrow$  Perfect visual control
    - $\rightarrow$  Shape comparison of structural and graphic design
    - $\rightarrow$  3D incl. All refinement effects
  - $\rightarrow$  Automated data check (Preflight) and efficient approval process
  - $\rightarrow$  Comparison of different PDF versions
  - $\rightarrow$  Exact repeatability
  - $\rightarrow$  High cost transparency and exact post calculation
- $\rightarrow$  Time and cost savings by automation
  - $\rightarrow$  Automated design creation incl. exact production data for estimation
  - $\rightarrow$  Automated processing by rules
  - $\rightarrow$  Automated gangform calculation
  - $\rightarrow$  Fast make-ready, less waste
- $\rightarrow$  Flexibility
  - $\rightarrow$  PDF- Workflow: Open for all design application

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