

WS 15 & WS 19
Standardized job handling:
Update and new features for
Prinect Business Manager





■ ■ ■ Reiner Bachthaler ■

Standardized job handling: Prinect Business Manager News.

A new way of printing.

Extensions in Speed Estimator

Hardcover estimating

Extended material consumption

Enhancements in JDF

Various improvements

WORKSHOP

15



■ ■ ■ Reiner Bachthaler ■

Standardized job handling: Prinect Business Manager News.

A new way of printing.

Extensions in Speed Estimator

Hardcover estimating

Extended material consumption

Enhancements in JDF

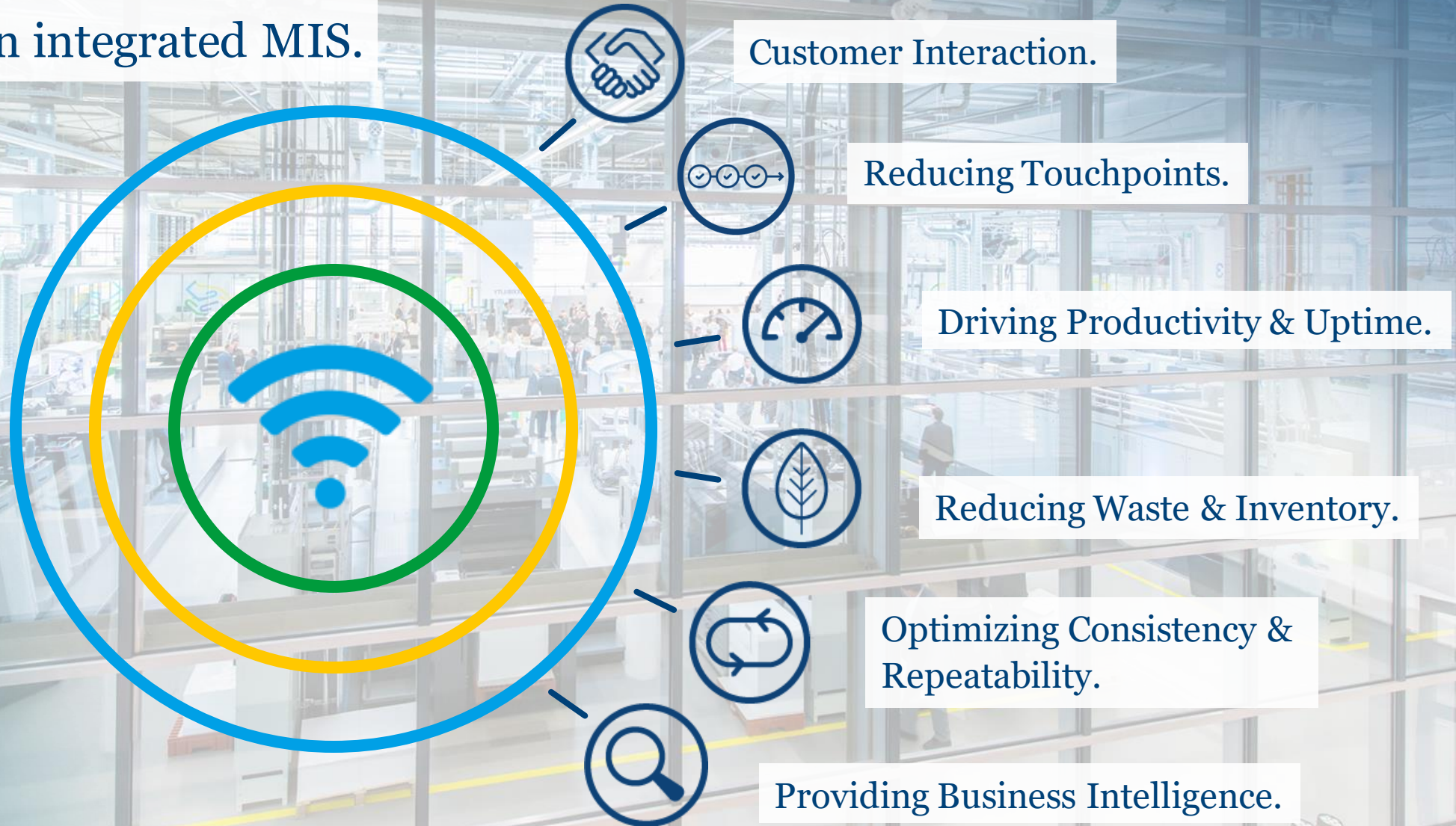
Various improvements

WORKSHOP

19



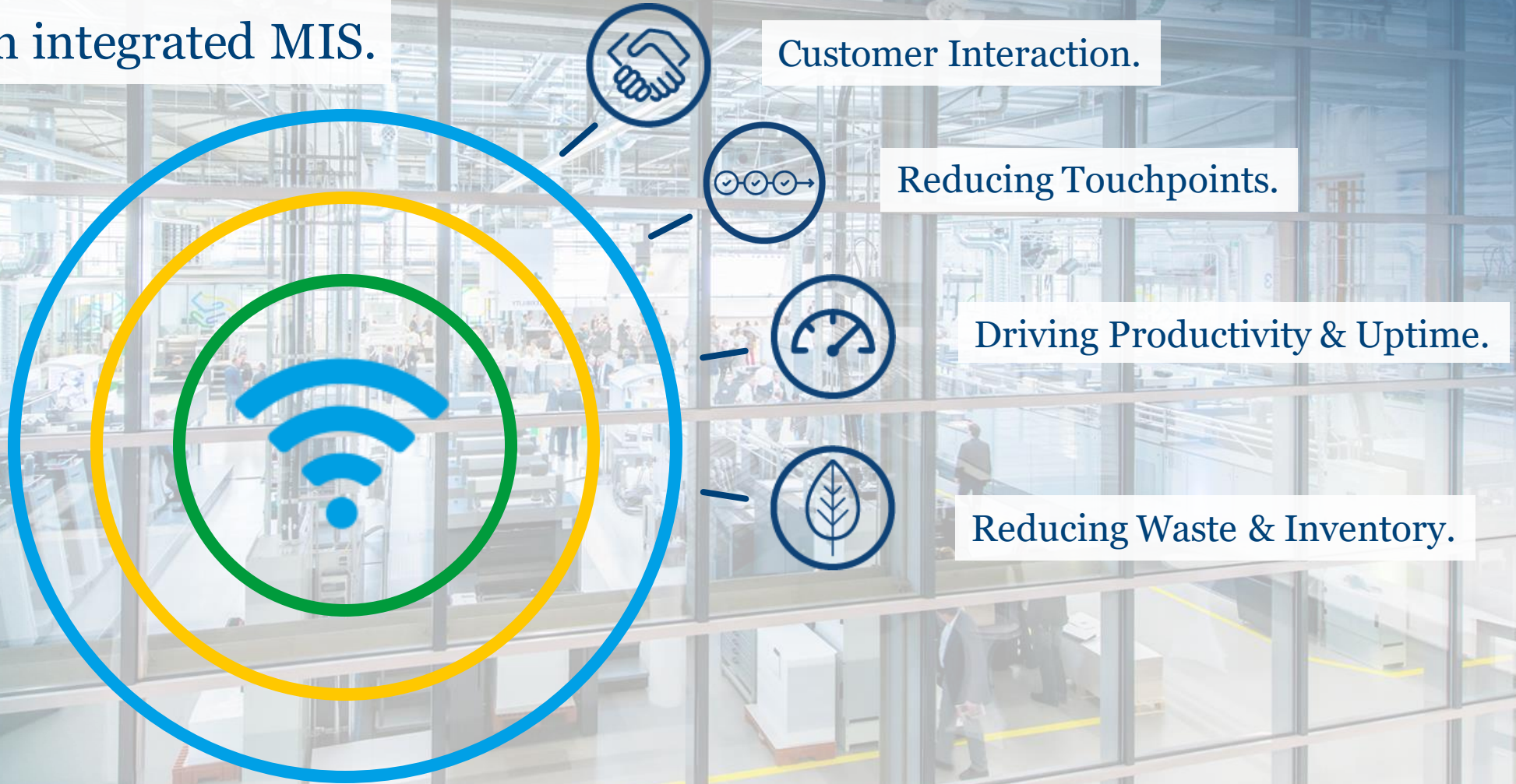
The steps to a Smart Print Shop – supported by an integrated MIS.





MIS introduction:

supported by an integrated MIS.





Standardization in the business workflow
sets the ground for Push to Stop.





“

80 % of all jobs could be operated in a highly standardized and automated way.

Result of German concept customer meeting in 2018



Complete Integration. Business & Production workflow.

- Online order and data upload in the portal
- Automatic job creation in MIS and production
- Automatic predefinition, optimization and start of the production

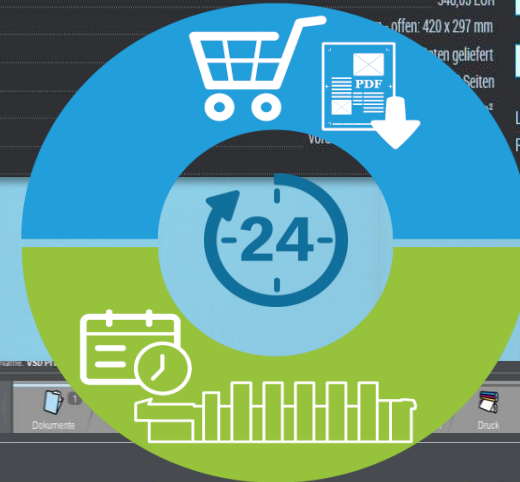
Angebot

Status: Angebot Nr.: Gültig bis: Erstellt am: Liefertermin: Ihr Zeichen: Unterzeichner: Angebotstext:
Angebot 101664 27.11.16 28.10.16 05.11.16 - Reiner Bachthaler [Anzeigen](#)

Bestellung: 101664 - Broschüre drahtgeftet

1.000 Ex.:	2.228,87 EUR	Im Warenkorb: 1.500 Ex.
+1.000 Ex.:	430,23 EUR	Auflage #: 1.500
4.000 Ex.:	3.489,96 EUR	Liefertermin #: 05.11.16
+1.000 Ex.:	423,41 EUR	Bestell Nr. beim Kunden:
8.000 Ex.:	4.569,71 EUR	Kommentar:
+1.000 Ex.:	348,05 EUR	Lieferadresse: Heinendruck GmbH

Format: 420 x 297 mm
Vorlagen:
Umschlag:
Papier:
Druck:
Preis: 2.443,99 EUR

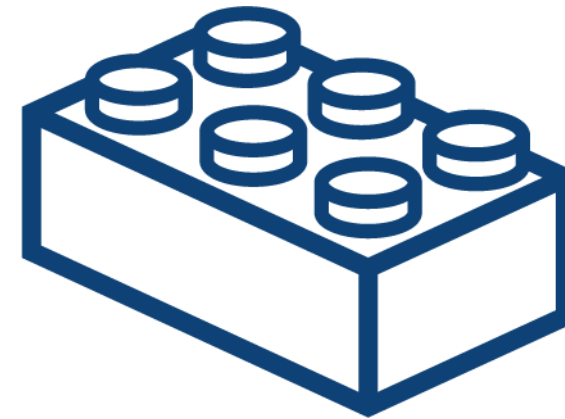


The screenshot shows a software interface with several job status cards. The cards include information such as 'R-SMS2', 'SME2-4PL', 'Umschlag', 'Binding', 'R-LL18P-JDF', and 'Schöndruck'. Below the cards, there is a preview of a printed brochure with multiple pages and images.



Standardization.

Unification of e.g. measures, types, procedures and structures. For print shops this means always choosing the same way of production to achieve constantly high performance and quality.





The Levers.





Extensions in Speed Estimator to handle more complex products.

- Selection of the packing
- Selection of transport options/costs
- Additional standard processes in Prepress and Postpress can be configured
- Higher flexibility and accuracy in process net creation (for production)



Up to 90% reduction of the efforts for quote generation





Integrated hardcover book production.

- MIS released in December 2018
- Production released in June 2019



Hard cover books consist of many different parts.

→ **Book Cover**

→ Cover

→ Cover board front

→ Cover board back

→ Spine board

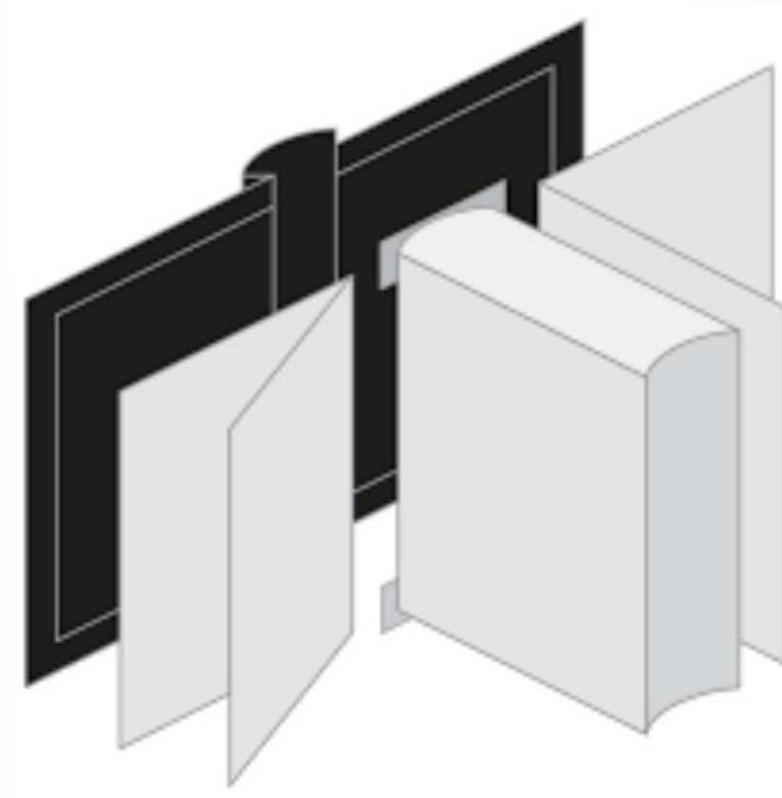
→ **End sheets**

→ Front

→ Back

→ **Inner book block**

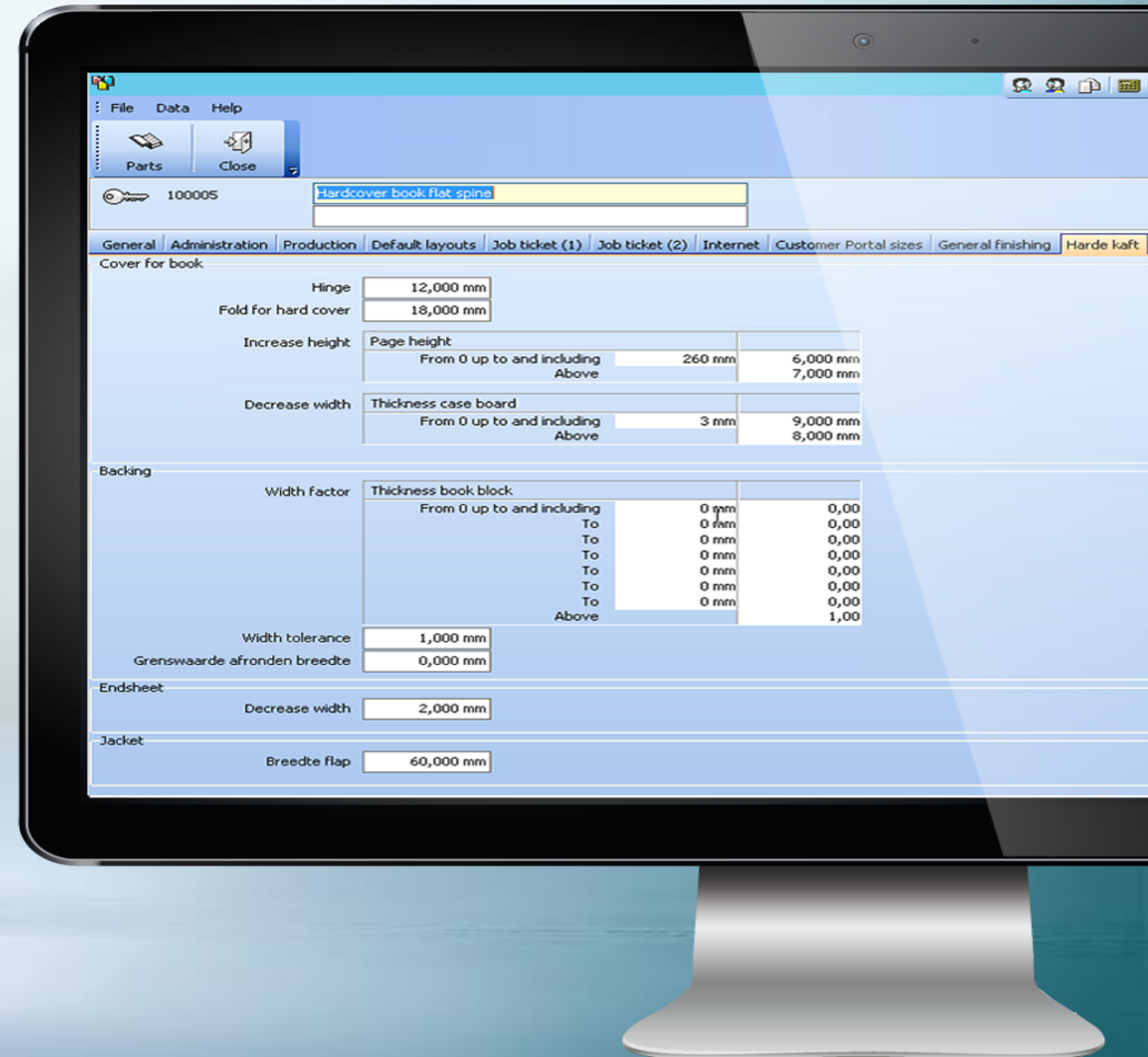
→ **Optional: Jacket, ribbon**





Supporting not only hardcover with Prinect MIS.

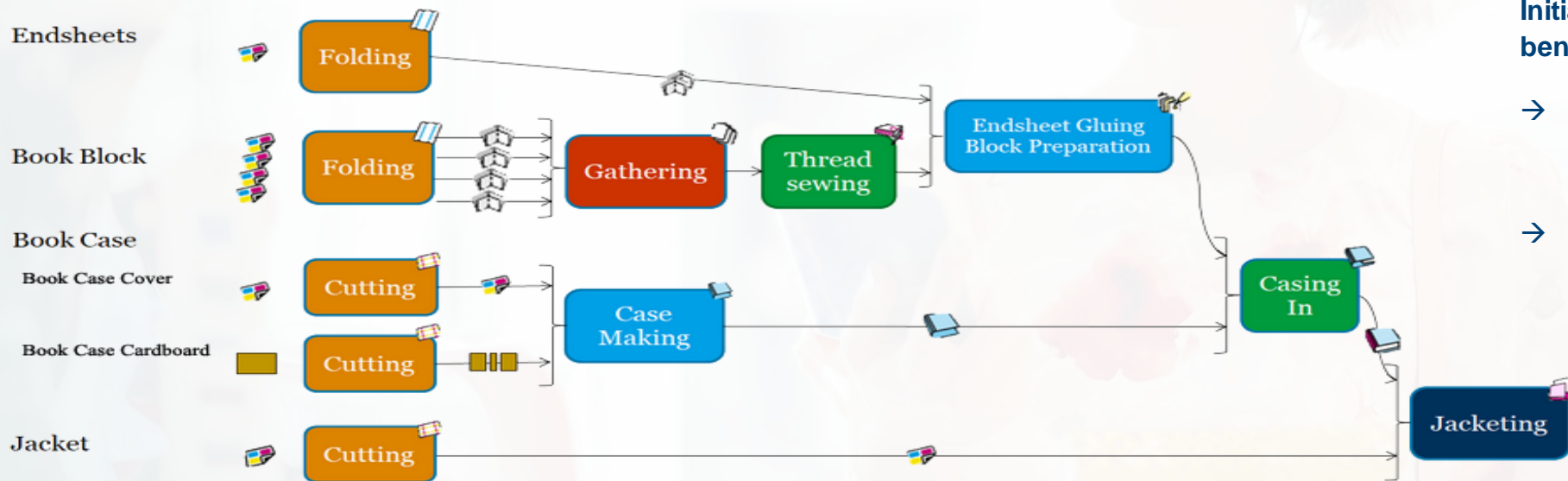
- Extended product pre-configuration
- Tailored automatic estimating for books
- Extended folding scheme handling





Flexible process net for hardcover demands:

provide proper process net for take over by Prinect production.



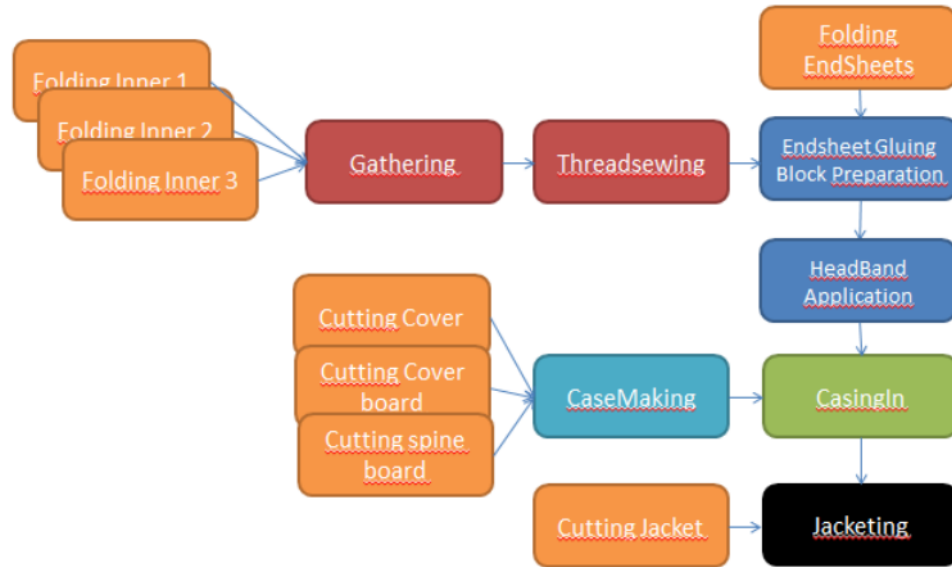
Initiated for hardcover books – beneficial for ALL products

- Flexible definition of process chains and product structures in the MIS
- Precise and automatic job preparation also for complex products.

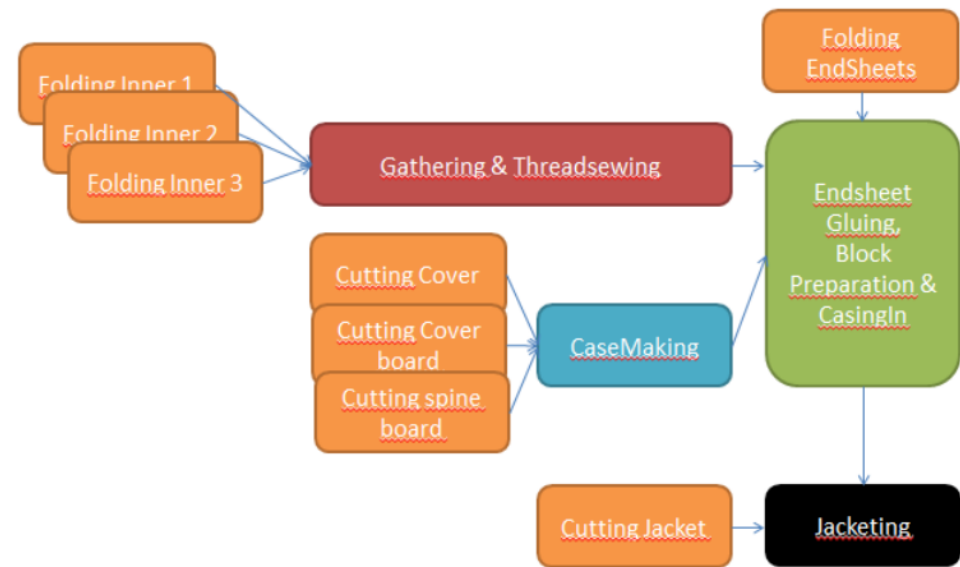


Hardcover Workflow: Far more complex process net than for standard Commercial products.

Hardcover production



Hardcover production full automated





Extended and flexible calculation of material consumption.





Improved material handling (not only) for books.

- Free definition of calculation rules with flexible rule editor by using predefined variables
- Supports multiple materials (up to 6) per process
- Higher precision in estimating of production costs: best price and highest profitability
- Improved material logistics



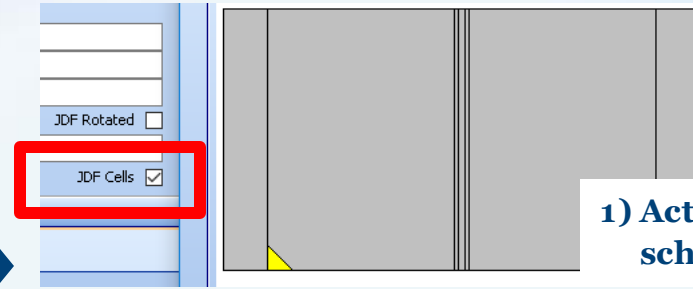
Push to Stop supported by JDF extensions
in the integrated Prinect workflow.



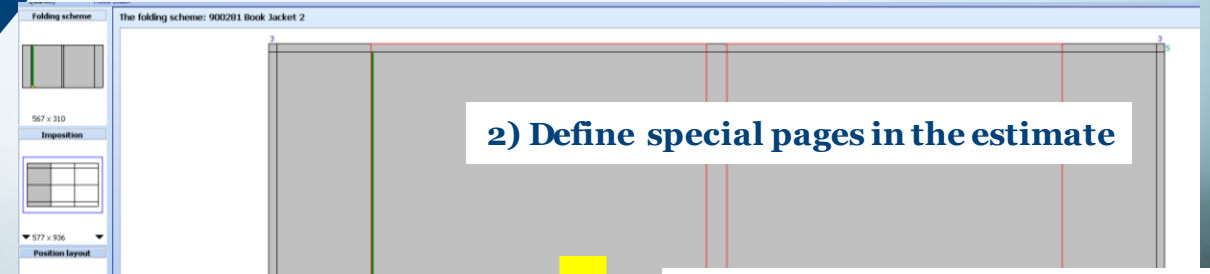


Support of strip cell params (cell index).

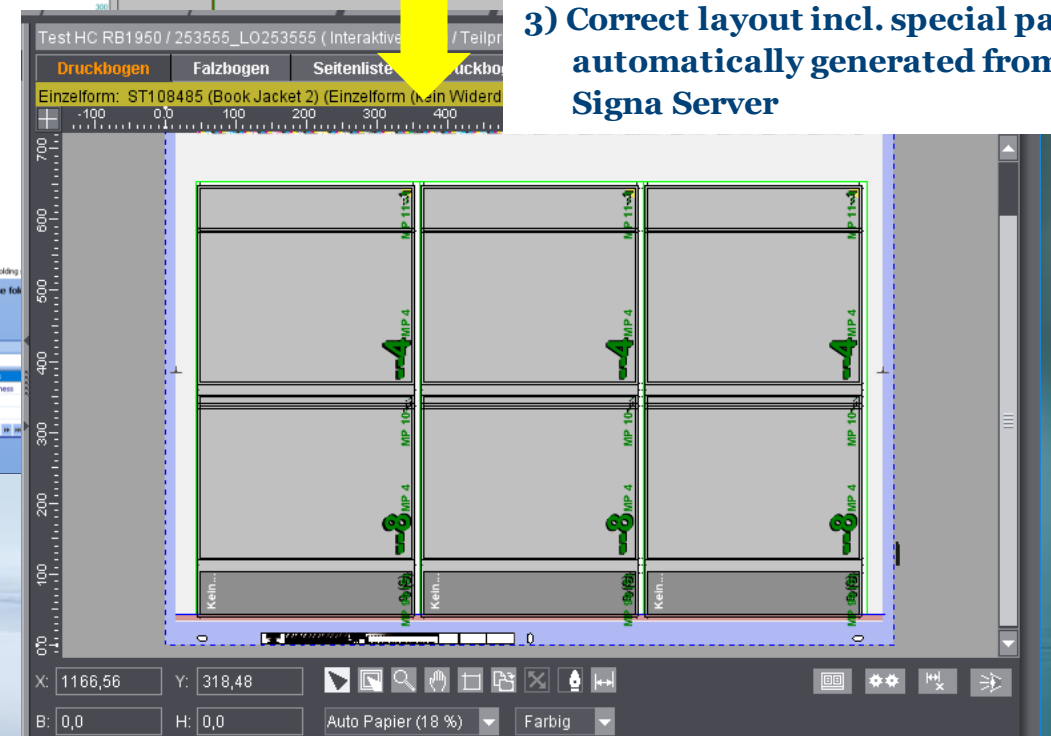
- Automatic identification of special pages (e.g. flaps) in the Signa Station
- Precise and automatic layout creation



1) Activate JDF Cells in the folding scheme configuration



2) Define special pages in the estimate



3) Correct layout incl. special pages automatically generated from Signa Server

“One page” imposition rule.

Automatic assignment of mounting blocks to all pages of a related folding scheme (especially for folding schemes with special pages)

→ Higher flexibility in handling of PDF data

1) Create a „One Page“ imposition process

Block ID	Keyword	Description
<input type="checkbox"/>	000001	PDF PDF data delivered
<input type="checkbox"/>	000004	PDFPROOF PDF data delivered (with page proof)
<input type="checkbox"/>	000005	OPEN Data delivered in open format
<input checked="" type="checkbox"/>	000006	ONEPAGE One Page

Image supply
Type of supply: /Folding scheme
Number of images per folding scheme side: 1

2) Select „One Page“ in the properties of product type part

Imposition process: 000006 One Page

3) Signa Station automatically assigns mounting block (in the PDF) to all pages of the folding scheme

PL_LO100547_Cover (5)
1 (4) 4 (4) 5 (4) 6 (4) 9 (S) (4)

PL_LO100547_Jacket (5)



Further improvements in the latest
Prinect Business Manager releases.





Further improvements.

- Cutting improvements
(New option: Cut off outer edges)
- Extended support of Cutstar machines
- Simplified login process by support of Domain User login
- Configurable print sheet names with tag system
- Configurable PDF file names for quote, order confirmation and invoice
- Optimized waste calculation in General Finishing
- Support of versioning for gang sheets





New cutting option: Cut off outer edges

- Number of poses remains the same and the waste along the edges will be cut off (e.g. colour bar and gripper).
- If the folding machine can cut the poses, the output will have the final size.
- In the folding scheme / Terms / Production you have to choose “Cut different positions”.
- The new cutting will automatically be placed before folding and the folding process will separate the poses.



Configurable print sheet names (with tag system)

- Put more relevant print sheet information in this composed description.
- Let the user decide, which information should be shown in the description.
- Available for print sheets and print forms

Press sheets standard configurations

File Help

General Paper Pick paper Letter text Letter text Letter text Costs Description Copy

Default

Binding intent 100007 Wire-O Imposition process 000001 Certified PDF delivered

Bleed 3,000 mm Imposition proof 000001 HP imposition proof

Image position 000001 Center Lower Plates 000001 CTP (Computer to plate)

New calculation

Automatic cut

Production facilities Printing schemes

Estimate Job calculation

Machine group

Select position layout Identical images Job calculation Identical images

Calculation manner

Sheetfed Paper Feed guide Coloured triangle

Web Paper JDF orientation calculation Via the folding scheme properties

Cumulate waste

Waste % inline finishing biggest waste Ganging positioning Propose

Ink preparation

Calculate dry time

WorkTumble + Perfecting possible

Sort press runs Press runs for an identical print form have priority

Description composition

Description

Versions

Gang run form

Split press sheets

Press sheet description

Split print forms

Print form description

OK



Workflow solutions for Business and Production.
Prinect. Driving the Smart Print Shop.



Thank you very much for your attention.
I am happy to answer your questions.