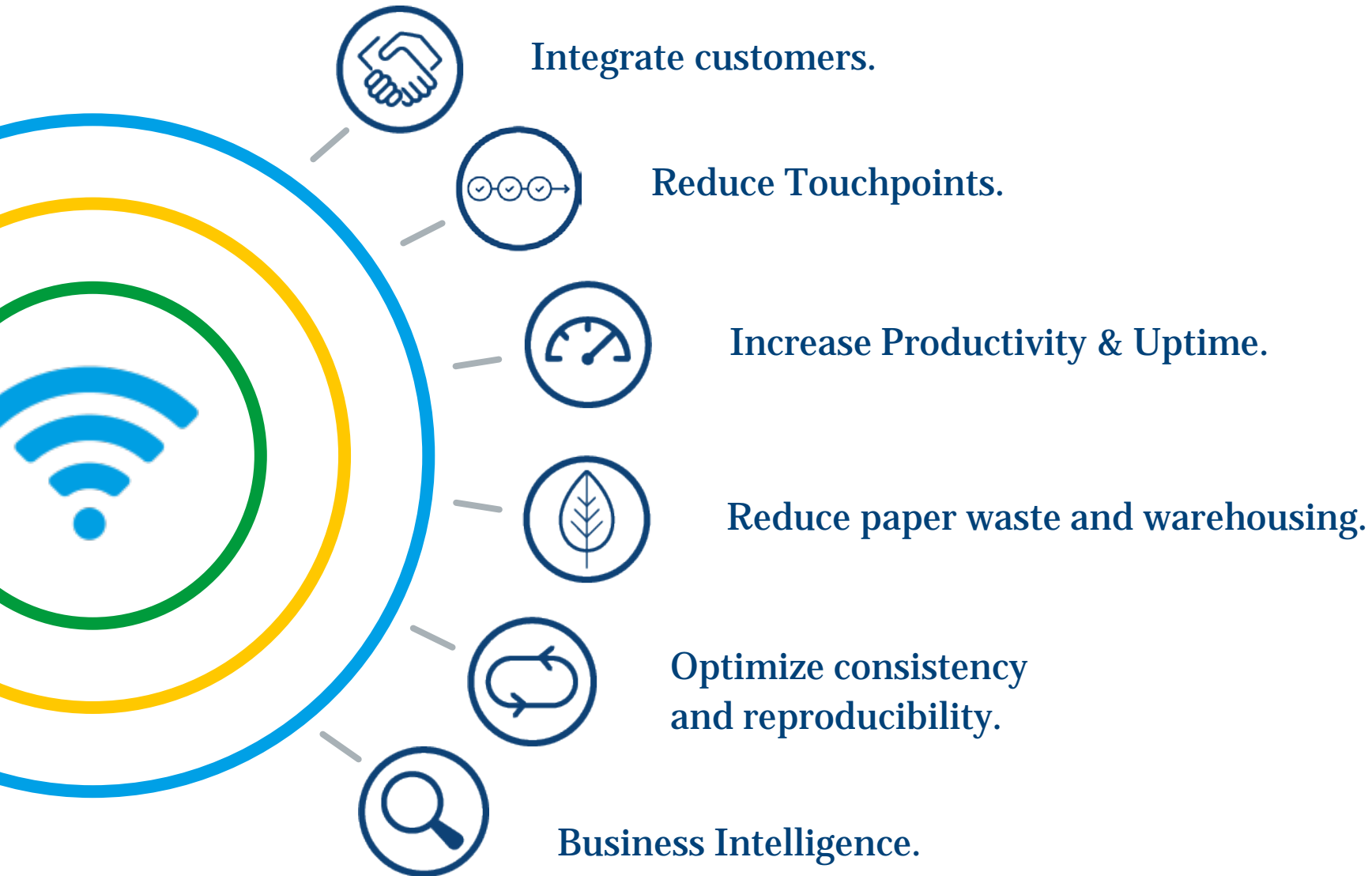


WS 13 & WS 19:
**Automation, reducing touchpoints:
How to automate imposition with
Prinect**







Reduce recurrent imposition tasks.

What's in for me?

What do I need ?

What do the workflows effect?

What is missing?

WORKSHOP

13



„Don't tell me, integration is too expensive!“



Przemysław Kościelniak
Dyrektor ds. Rozwoju

- 75% of CGS turnover = jobs PBM - Prinect Portal
- **100% use Smart Automation** to assign correct sequences
- **20 - 25%** of this jobs use **Automatic Page Assignment**
- Last year we had about **18 000 orders**
- **64%** of this orders come **from W2P Shops: 11.520**
- **50% of w2p jobs** was automatically set to gang pool
- In Prinect 2017 + Prinect 2018 we did **more than 1600 Gang Jobs**
- **Integration time reduction** to manage W2P shops:
about **5 min / job** from w2p
- **Savings: 960 man hours / year**

Many ...



to automate!

The way to automation @



Galledia



Felix Signer,
Galledia AG, CH

- Definition standard formats, standard jobs
 - > Analyze existing jobs

- How many jobs can be automated at all?
Versioning, gang jobs/-forms

- Part product template automatically pulls correct folding schemes to produce no of pages in PDF

- No manual work at Cockpit / Signa
 - > conditional Processing, AutoSheet, Signa Server

- Use page and production approval as checkpoints to start the next step

- Not yet implemented:
From Web2Print direct to printing plate
 - > ProductCodes



No MIS or Web Shop? Automatic impositioning in Hotfolder Workflows



Hotfolders can be set up to read out info from the job name



Overview Templates

MyQualify-Hot-ProdCode-Smart (Qualify)

Hotfolder on AllHotfolders

Hotfolder: Hotfolder with JobCode in Job Location

Insert into external hotfolder path: Job Number External hotfolder location

Delete document after processing finished

Create new job and process document there

Keep hotfolder in new job

Arrange groups of at most 1 Files

Job group for new job: Job group with name 2018

When job number already exists: Use existing job

Automatic detection of job data from file name

The file name contains			File name in generated job		
at position 1	the job number	<input type="checkbox"/> from first character	up to delimiter	#	<input checked="" type="checkbox"/> Remove job number from file name
at position 2	the job name	<input type="checkbox"/> from first character	up to delimiter	#	<input type="checkbox"/> Remove job name from file name
at position 3	-	<input type="checkbox"/> from first character	up to delimiter		<input type="checkbox"/>
at position 4	the product code	<input type="checkbox"/> from first character	up to delimiter	#	<input checked="" type="checkbox"/> Remove product code from file name
at position 5	the delivery quantity	<input type="checkbox"/> from first character	up to delimiter	#	<input checked="" type="checkbox"/> Remove delivery quantity from file name
at position 6	the due date (YYYYMMDD)	<input type="checkbox"/> from first character	up to delimiter	#	<input checked="" type="checkbox"/> Remove due date from file name
at position 7	the printing material quality	<input type="checkbox"/> from first character	up to delimiter		<input checked="" type="checkbox"/> Remove printing material quality from file name



No Signa Server?

Automatic Page Assignment Rules - interesting for recurring jobs.

→ page no only

Two page lists for page assignments

- Cover and Body with different delimiters

- "automatically extend page list".

Works without layout

→ Page list name followed by page no

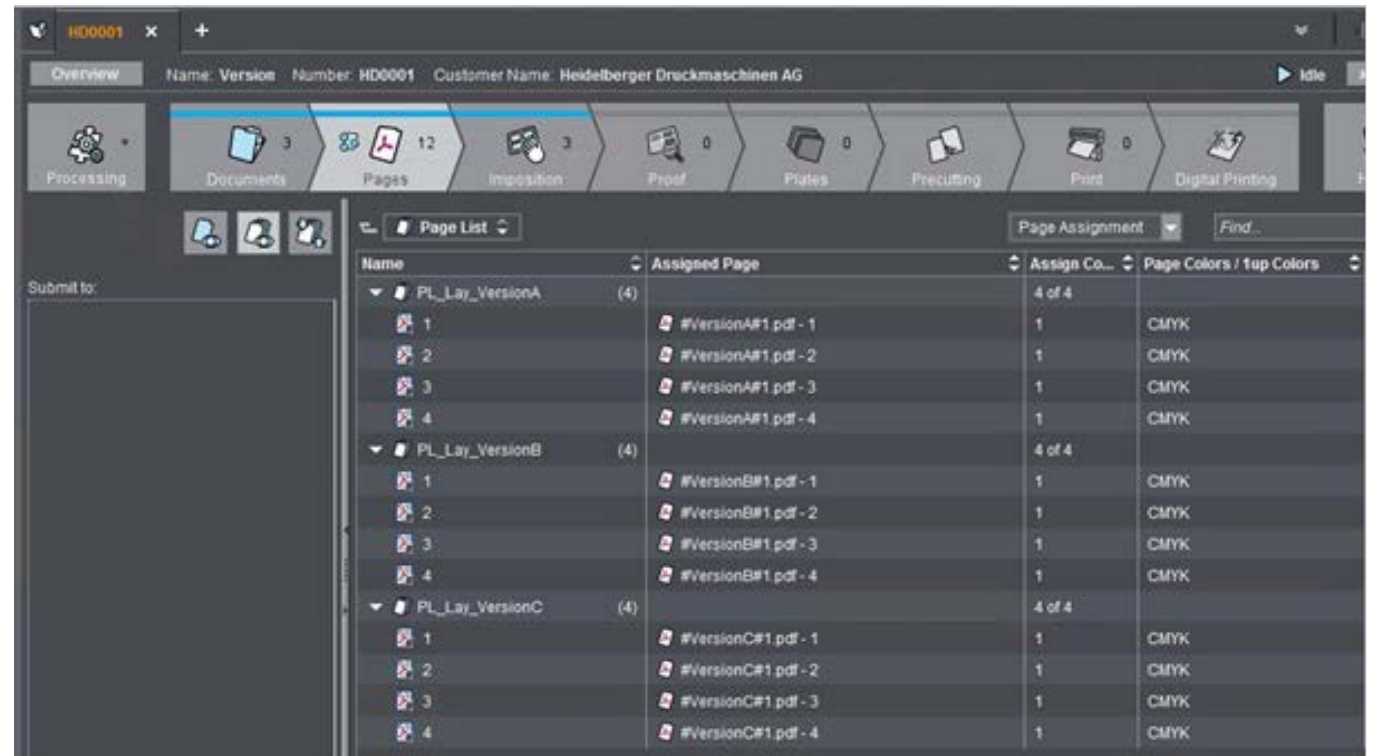
Layout is present, page list name is specific

→ Part Product followed by page no

for orders with versioned layout,

displayed as part products in Cockpit.

Assigns pages to each version





Automatic periodic job creation via hotfolder – fully automated jobs including impositioning

Workflow	Required in PDF name:	Used Templates	Pro	Contra
Group Template without ProductCode	4711#JobName.pdf*	AddLayout →Qualify(APA) →AutoSheet →ImpOut → SheetfedPrint	requires No Smart Automation No Signa Server	MANY Hotfolder jobs MANY Layout.jdf No Quantity @ press**
Group Template with ProductCode	4711#JobName #ProductCode.pdf*	AddLayout(ProductCode) →Qualify(APA) →AutoSheet →ImpOut →SheetfedPrint	Only ONE Hotfolder job requires No Smart Automation No Signa Server	MANY Layout.jdf No Quantity @ press**
Smart Automation and Signa Server	4711#JobName #CustomerID# ProductCode#DueDate #Quantity#PaperQuality. pdf	Qualify → Prepare →AutoSheet →ImpOut →SheetfedPrint	Only ONE Hotfolder job Only SOME Product Part Templates All information @ Press Center	Requires Smart Automation Signa Server

* Possible Placeholders: JobID, JobName, CustomerID, ProductCode, Quality, Due Date, Paper Quality

** No quantity at the press, because Planning Assistant doesn't run



Pre-requisites to use Smart Automation & Signa Server

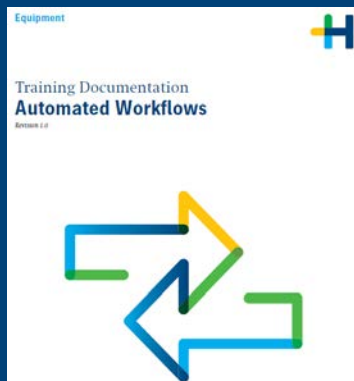
Cockpit

- Sequence Templates
- Group Templates
- Smart Templates

Signa Station

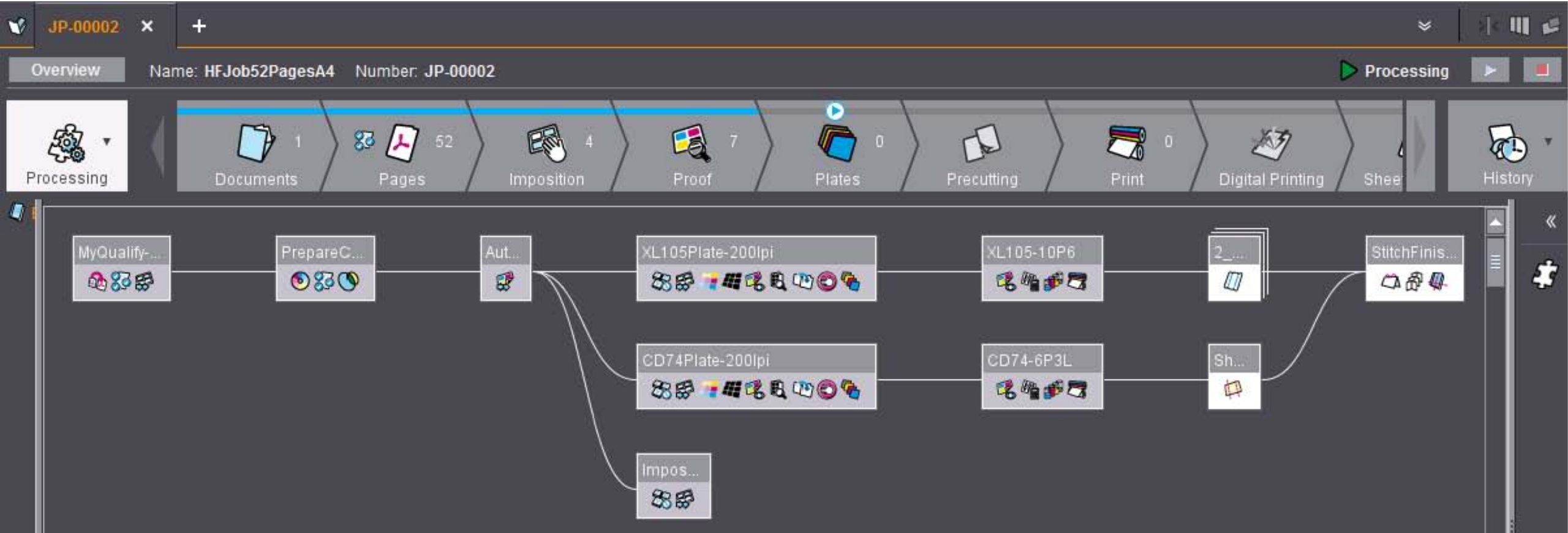
- Properties
- Product Part Templates
- Layout Templates
- Printing material (substrates)

Details in:





Putting the correctly named PDF into the hotfolder generates the job with process net from the "Smart Template":





... the pages are assigned by APA and after Tiff-B generation ...
(or direct plate output)

The screenshot displays the Heidelberg Prepress Center (PPC) software interface. The top bar shows the job name 'JP-00002' and the name 'HFJob52PagesA4'. The main workspace is divided into several sections:

- Overview:** Shows the job name 'HFJob52PagesA4' and number 'JP-00002'. The status is 'Processing'.
- Processing:** A progress bar with icons for Documents (1), Pages (52), Imposition (4), Proof (7), Plates (0), Precutting, and History.
- Grouping:** Checkboxes for Product, Layout (checked), Signature, Assignment, Sheet, and Versions.
- W2PLayout (4):** A grid showing four imposition sheets (FB 002, FB 003, FB 004) with their respective page layouts and status indicators.
- Elements Table:** A table listing the elements, their sequence, status, and modification date.

Elements	Sequence	Status	Recent ...	Modifica...
W2PLayout - FB 002	XL105-10P6	1% Waiting	Auto Preset	Apr 4, 2018 9...
W2PLayout - FB 003	XL105-10P6	1% Waiting	Auto Preset	Apr 4, 2018 9...
W2PLayout - FB 001	CD74-6P3L	1% Waiting	Auto Preset	Apr 4, 2018 9...
W2PLayout - FB 004	XL105Plate-200lpi	35% Sig004 - FB 004 - Back - Yellow	Imposition Out...	Apr 4, 2018 9...
W2PLayout - FB 002	XL105Plate-200lpi	51% Sig002 - FB 002	Imposition Output	Apr 4, 2018 9...
W2PLayout - FB 003	XL105Plate-200lpi	51% Sig003 - FB 003	Imposition Output	Apr 4, 2018 9...
W2PLayout - FB 001	CD74Plate-200lpi	51% Sig001 - FB 001	Imposition Output	Apr 4, 2018 9...

... the jobs are available at the PressCenter with all information required.



Auftrag **Produktion** **Maschine** **myWallscreen** **HEIDELBERG**

Nummer	Name	Arbeitsgang	Kunde	Auftragsbeschreibung
JP-00002	HFJob52PagesA4	FB 002 4/4		<p>Nummer: JP-00002</p> <p>Name: HFJob52PagesA4</p> <p>Arbeitsgang: FB 002 4/4</p> <p>Kunde:</p> <p>Datum:</p> <p>Auflage: 5076</p> <p>Druckzuschuss: 136</p> <p>Fortdruckgeschwindigkeit: 18000</p> <p>Beginn:</p> <p>Ende:</p> <p>Notizen:</p>
JP-00002	HFJob52PagesA4	FB 003 4/4		
JP-00002	HFJob52PagesA4	FB 004 4/4		

Messstreifen

Qualität: Matt gestrichen

Papierweiß:

Format: 640 x 880 x 0,12 mm

Grammatur: 135 g/m²

Ziehseite: B.S.

Messstreifen

Qualität: Matt gestrichen

Papierweiß:

Bedruckstoff: Mate Coated

Laufrichtung: Schmalbahn

Air Assistant

Intellistart 2 Teilauftrag laden Prinect20... 3/42 Maschineneinstellungen beibehalten Auftrag speichern Auftrag freigeben



Prinect Portal.

Lets front office and customers “work” for your prepress department.



Prinect Portal.

Customers create own jobs using job templates, assign and approve pages.



Prinect Portal.
Front office creates jobs in Job Maker
by input of job info and PDF pages .



Set up Smart Automation Workflows: Automation Assistant

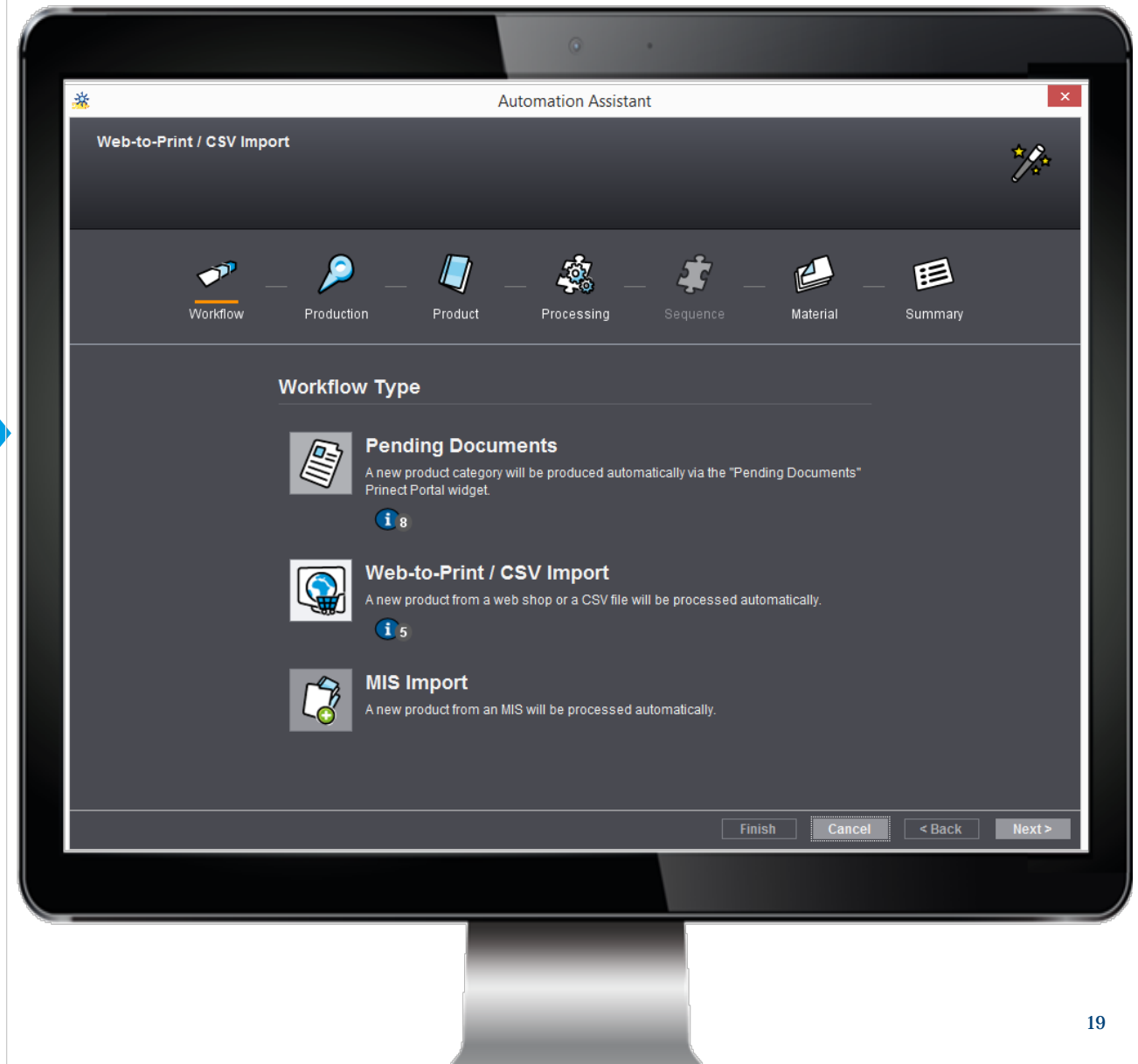
Cockpit

- Sequence Templates
- Group Templates
- Smart Templates

Signa Station

- Properties
- Product Part Templates
- Layout Templates
- Printing material (substrates)

Details in:





Pending Documents Widget for internal users

→ Add documents to existing jobs

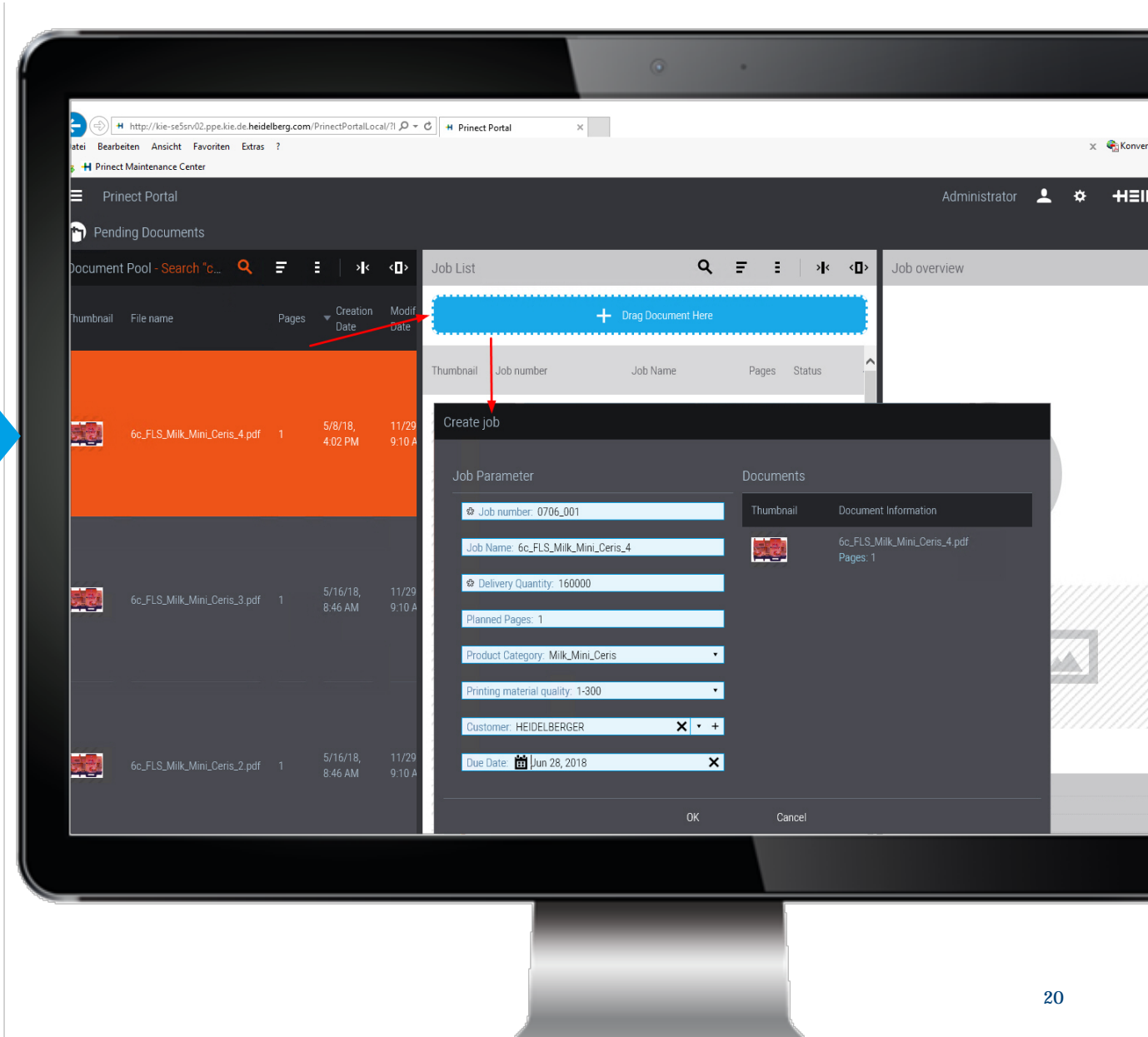
→ Job Maker

to create new jobs for

→ digital print

→ automatic plate generation

→ gang forms





Ganging. Now with time-based automation



Ganging Automation

Fill gang pool

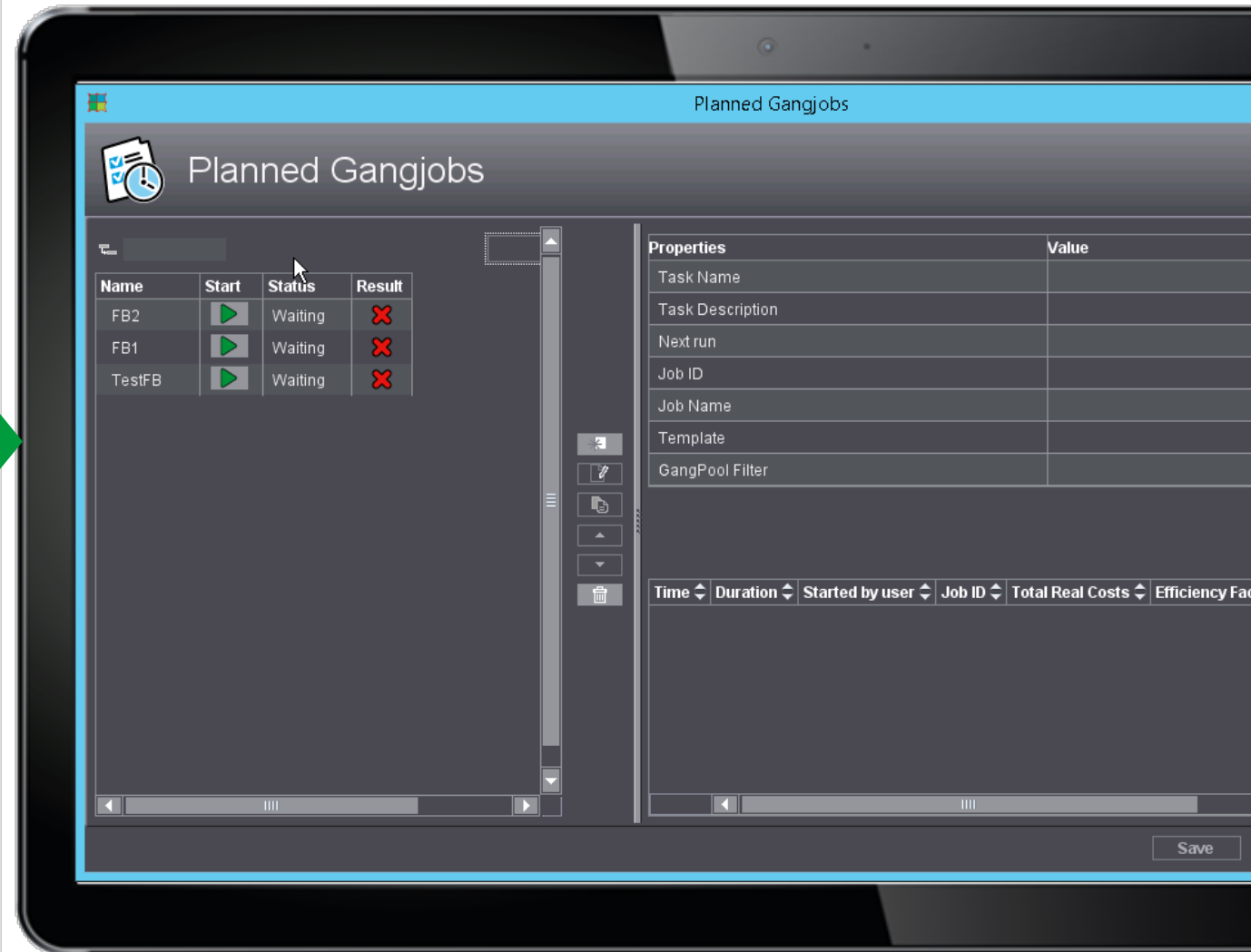
- Job Maker
- Web-to-Print / CSV
- MIS
- (Manual from Cockpit)



Ganging Automation

Set up planned gang jobs @ Signa Station by defining

- filters for jobs that shall be ganged
- periodic start time
- Fill level for a „good“ gang sheet
- **Signa Gang Server**
- Effects ganging „by schedule“
- Takes jobs on gang sheets out of the pool
- Puts those that did not fit back



Video Tutorials and Online help available from the Prinect Cockpit



The screenshot shows the Prinect Cockpit application window. The title bar reads "Prinect Cockpit [Production, Prepress, Pressroom, Digital, Postpress] - [\\kie-gr-pc1\PTConfig\SysConfig - kie.prinect]". The menu bar includes File, Edit, View, Job, Tools, and Help. The Help menu is open, with "Online Help" (F1) highlighted. A red arrow points from the "Online Help" menu item to a browser window titled "Prinect Know How". The browser address bar shows "onlinehelp.prinect-lounge.com/App/App_start/#t=Prinect%2Fenglish%2Fenglish-1-.htm". The page content includes a language selection list on the left, a "Workflow PDFs" section with a checklist icon, a "Video Tutorials" section with a clapperboard icon, and an "Online Helps" section with a question mark icon. A watermark "→ automatic plate generation" is visible over the page content. The Heidelberg logo is in the top right corner of the page, and the Torbo-Doku logo is in the bottom left corner.



What is missing?





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.