

WS 13 & WS 19:  
**Automation, reducing touchpoints:  
How to automate impositioning 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 @



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

MyQuality-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 Arrange groups of at most 1 Files

☒ Create new job and process document there

☐ Keep hotfolder in new job

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

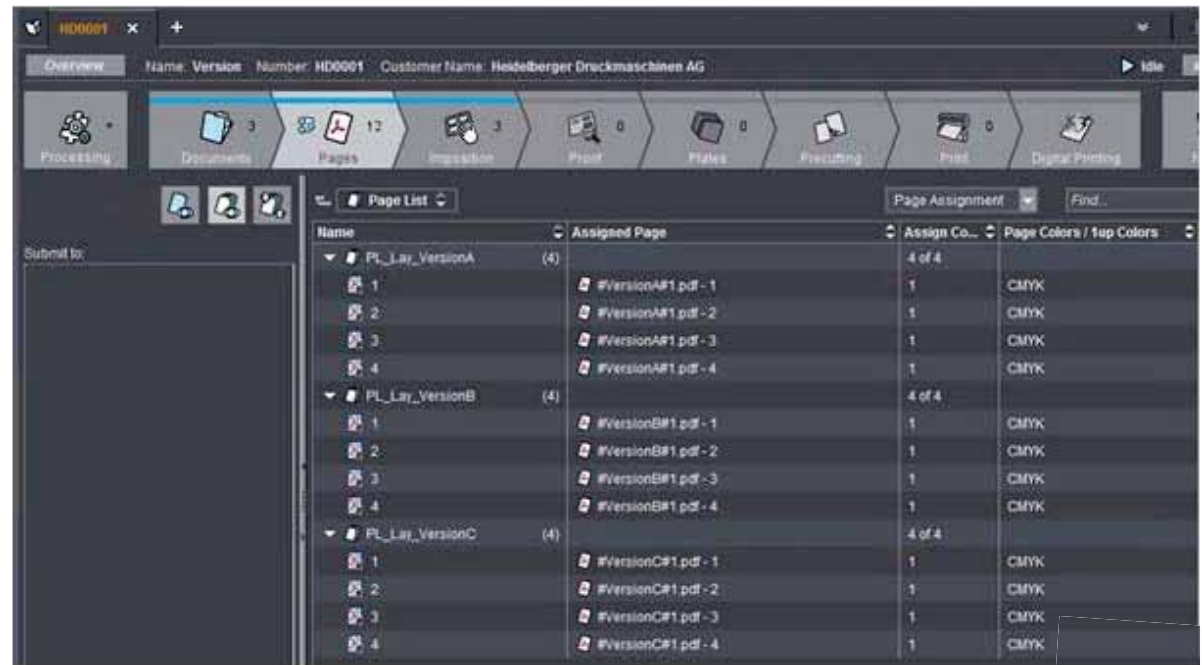
- Two page lists for page assignments
  - Cover and Body with different delimiters
  - "automatically extend page list".
- Works without layout

### → 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

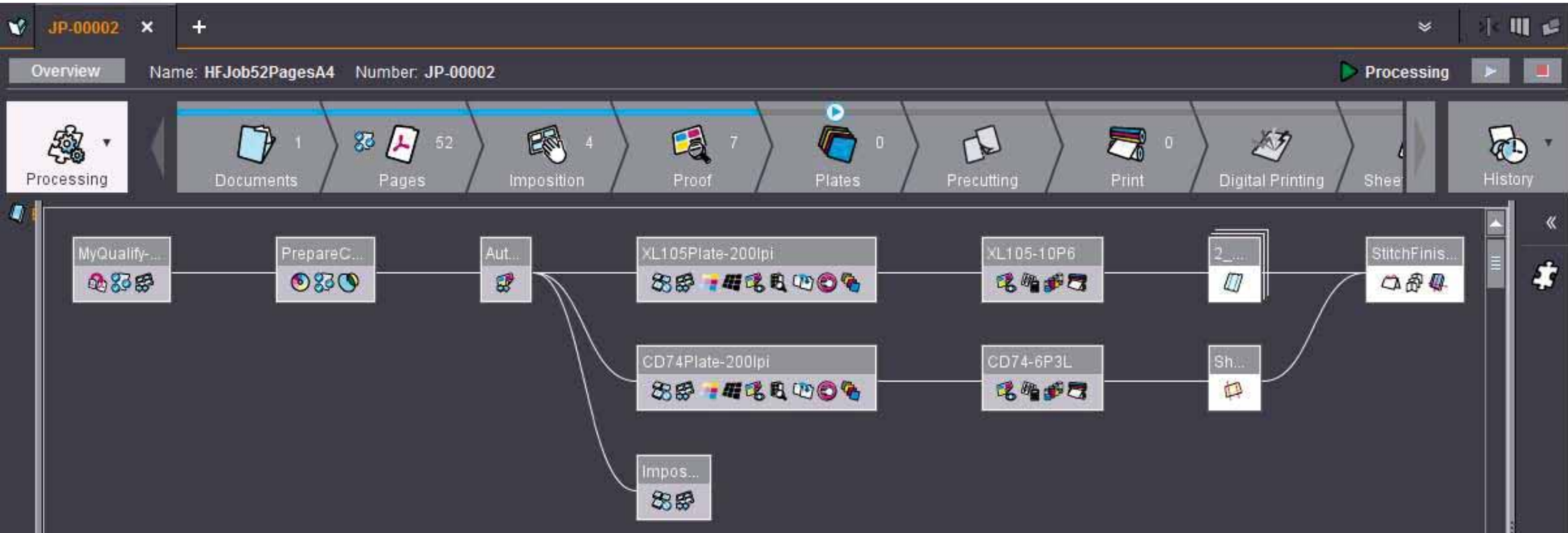
- Properties
- Product Part Templates
- Layout Templates
- Printing material (substrates)

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 jobs are available at the PressCenter with all information required.



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

Intelliguide  
Notizen (0)



Nr.	Name	Arbeitsgang	Kunde
JP-00002	HF Job52PagesA4	FB 002 4/4	
JP-00002	HF Job52PagesA4	FB 003 4/4	
JP-00002	HF Job52PagesA4	FB 004 4/4	

**Auftragsbeschreibung**

Nr.	JP-00002
Name	HF Job52PagesA4
Arbeitsgang	FB 002 4/4
Kunde	
Datum	
Auflage	5976
Druckzuschuss	13%
Fortdruckgeschwindigkeit	18000
Beginn	
Ende	
Notizen	



11 12 13 14 15 16 17 18 19 20

Miniscreen	Miniscreen		
Qualität	Matt gestrichen	Qualität	Matt gestrichen
Papierwahl		Papierwahl	
Format	640 x 880 x 0,12 mm	Bindruckstift	Matte Coated
Granulatur	135 g/m²	Laufrichtung	Schnellbahn
Zielfarbe	BLZ	Druckart	Druckart

Intelligent 2    Drucken    3/42    Maschinenwartungsmenü beibehalten    Auftrag speichern    Auftrag löschen



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

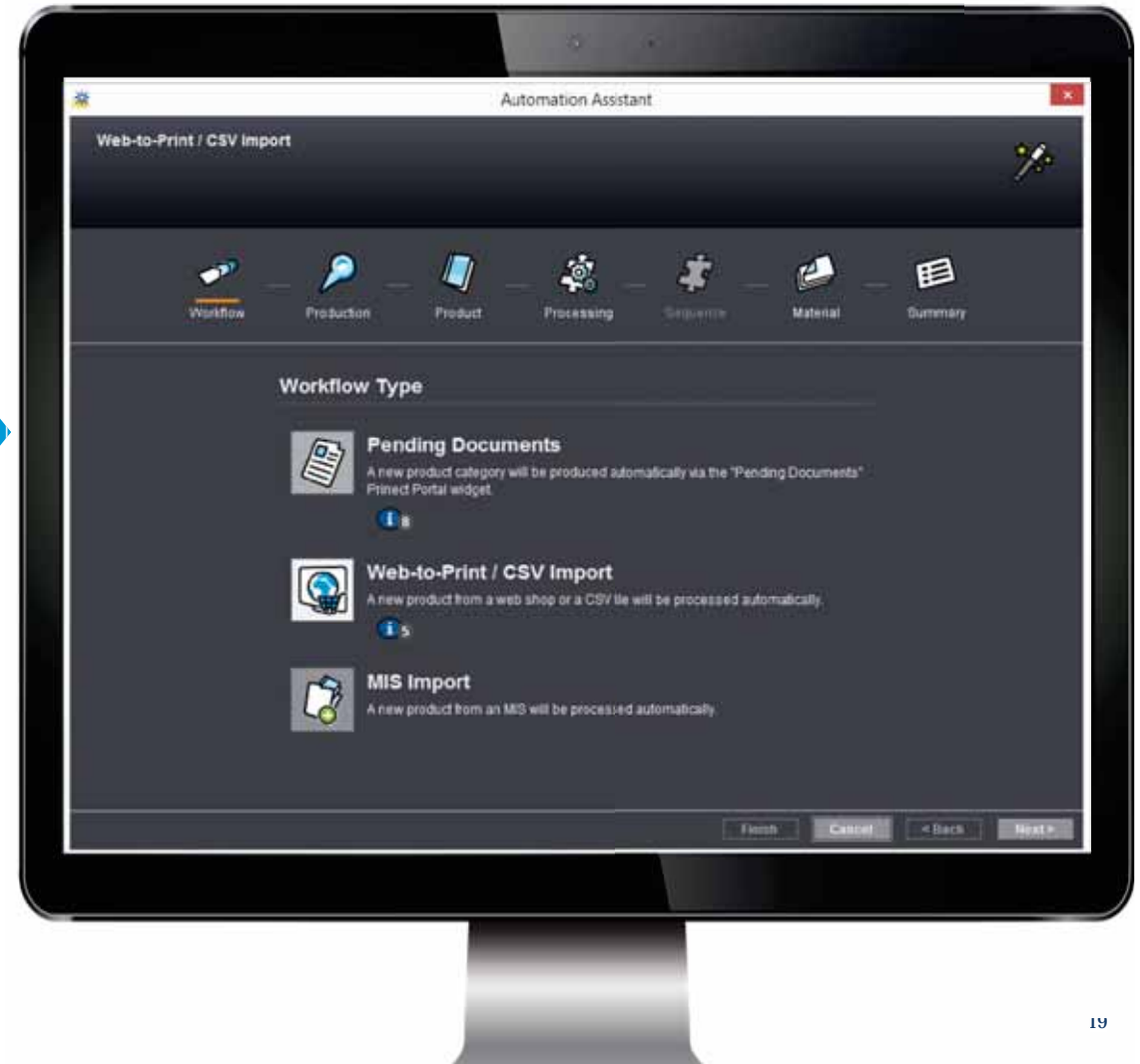
## Cockpit

- 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

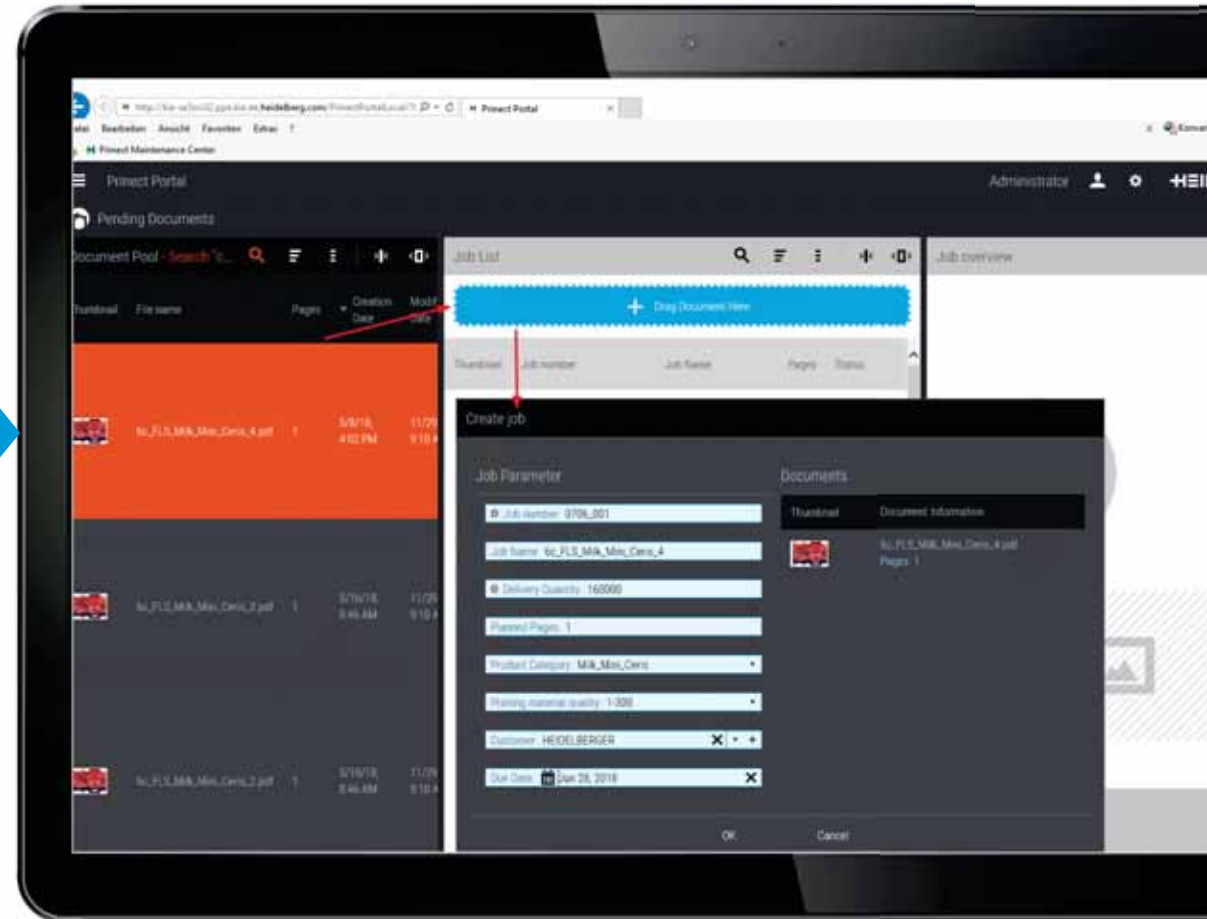
→ **Job Maker**

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

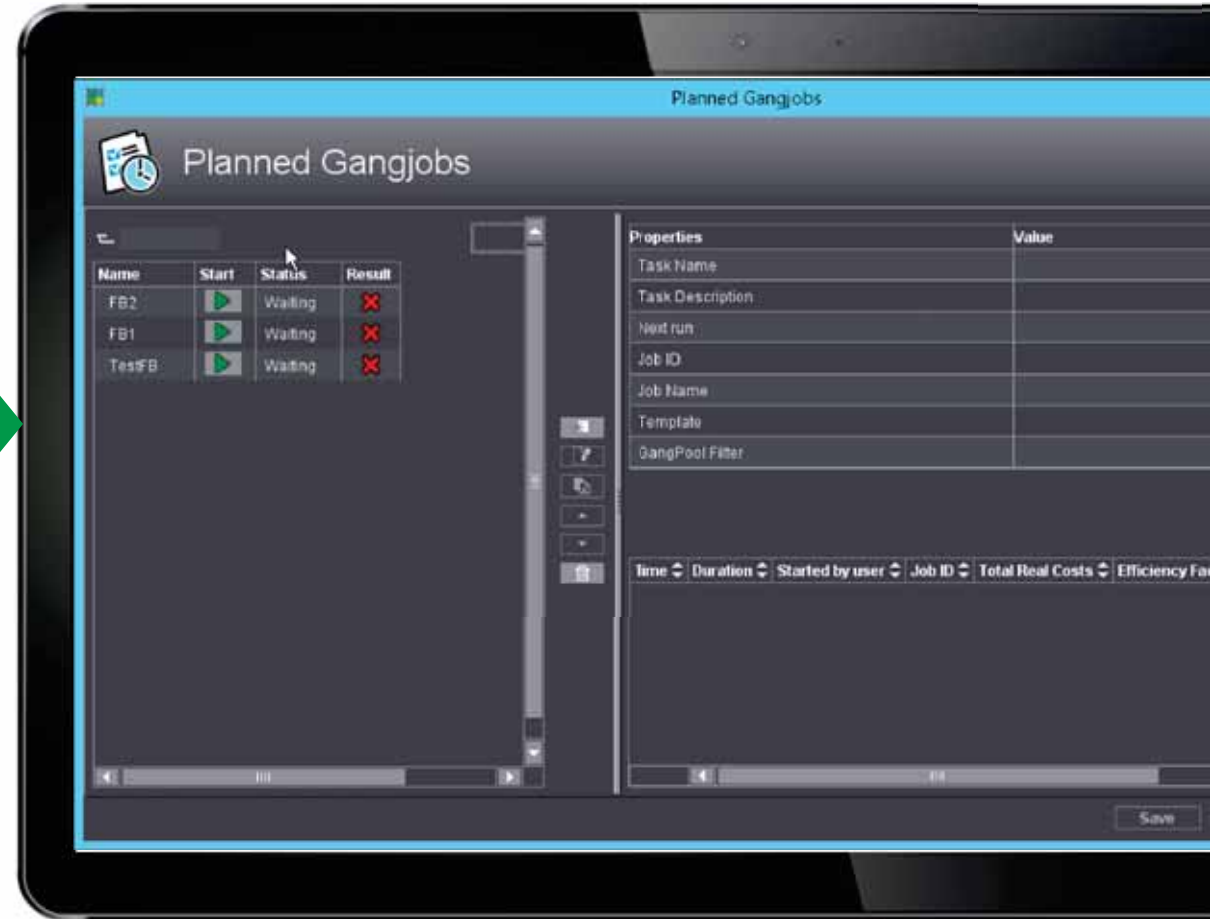
→ Fill level for a „good“ gang sheet

→ **Signa Gang Server**

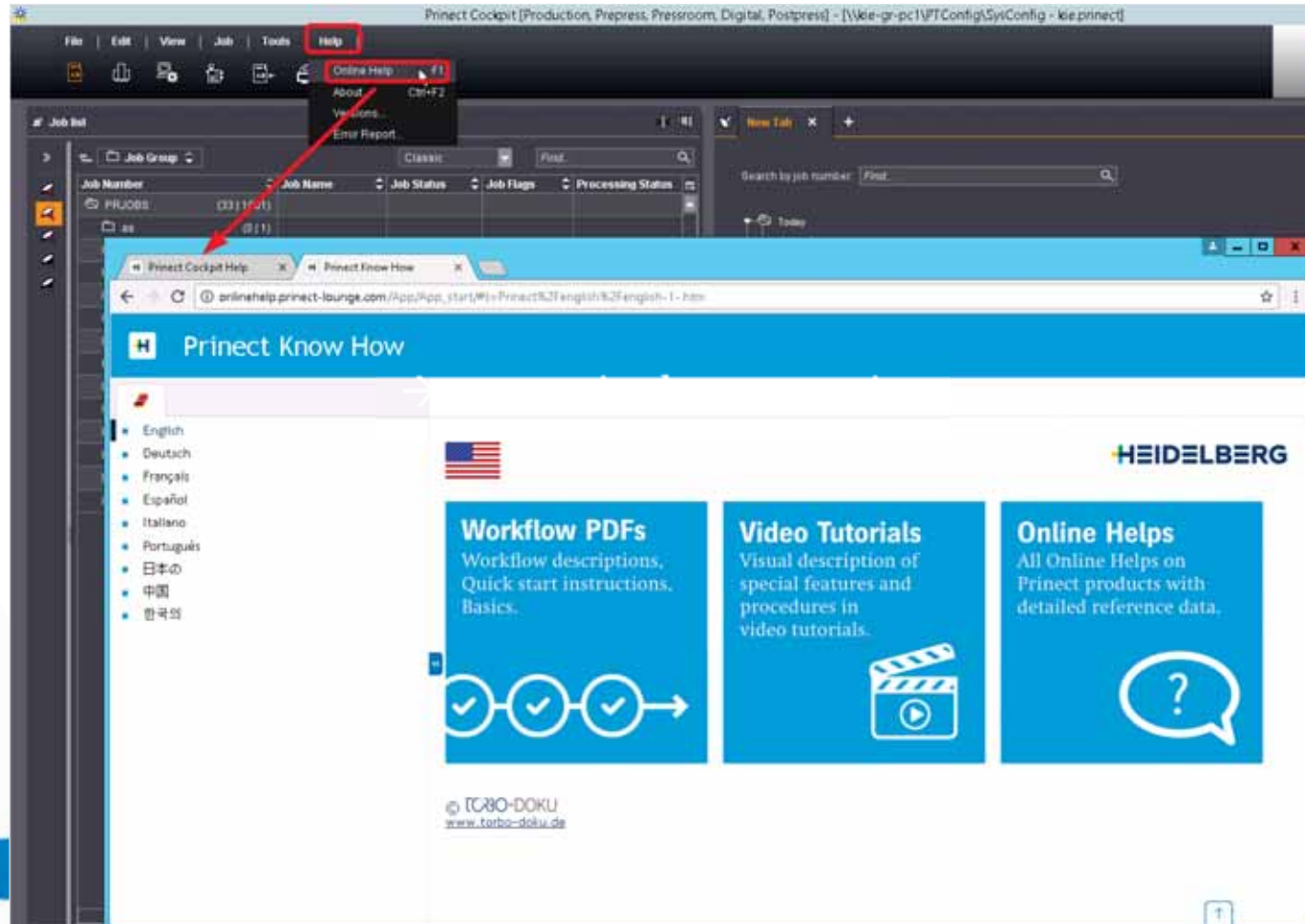
→ Effects ganging „by schedule“

→ 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







**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.**