

Workshop 10 + 25

Automation with Prinect 2017

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INTERNATIONAL
PRINECT USER DAYS

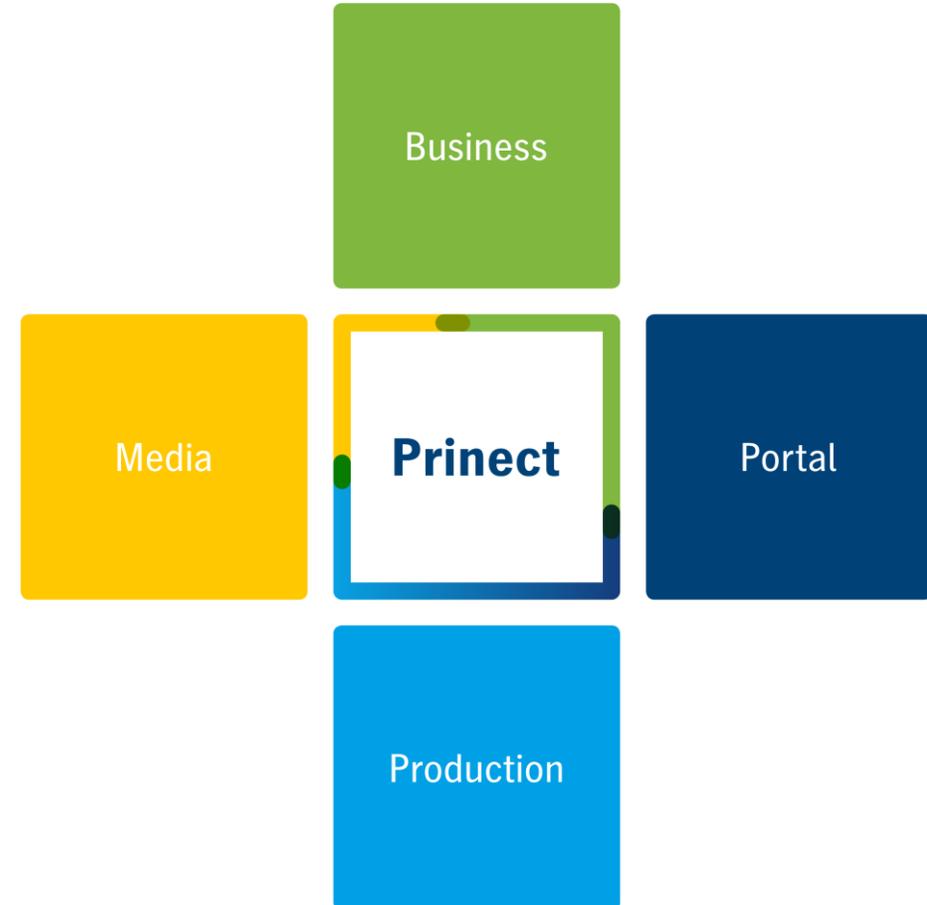
November 15 and 16, 2016





Agenda

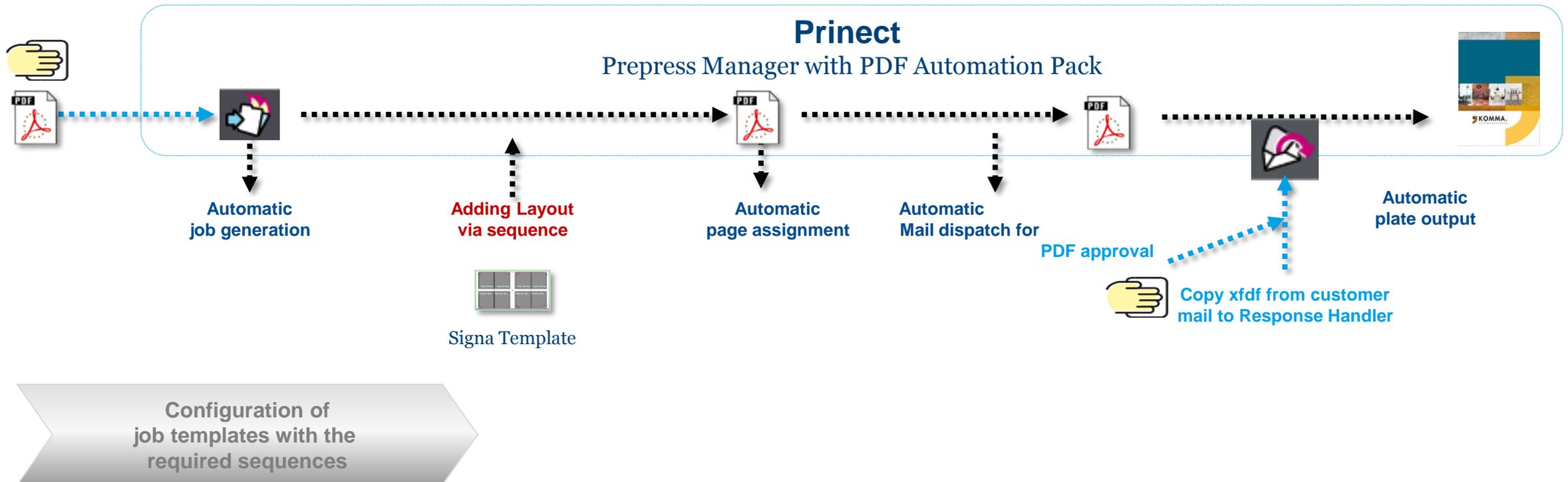
1. Hotfolder Automation with PDF Automation Pack
2. Smart Automation in production:
New ways to start automated production
 - a) Hotfolder
 - b) Job Maker
3. Conditional processing
4. Automated PDF compare





Possible automation level with PDF Automation Pack + Hotfolder

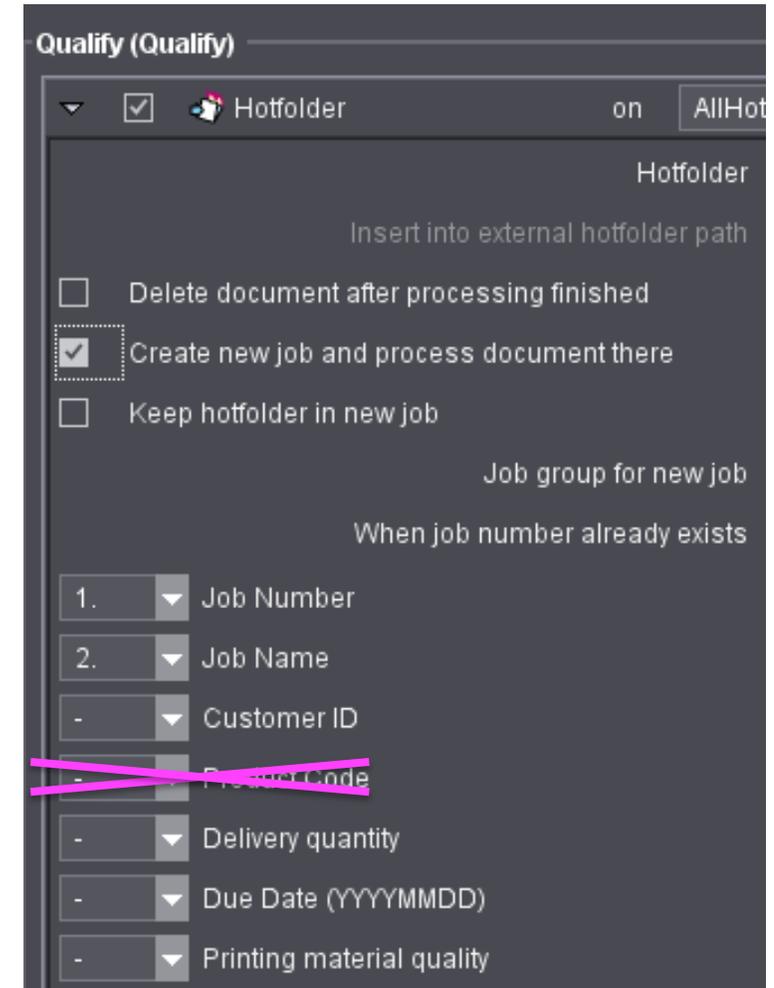
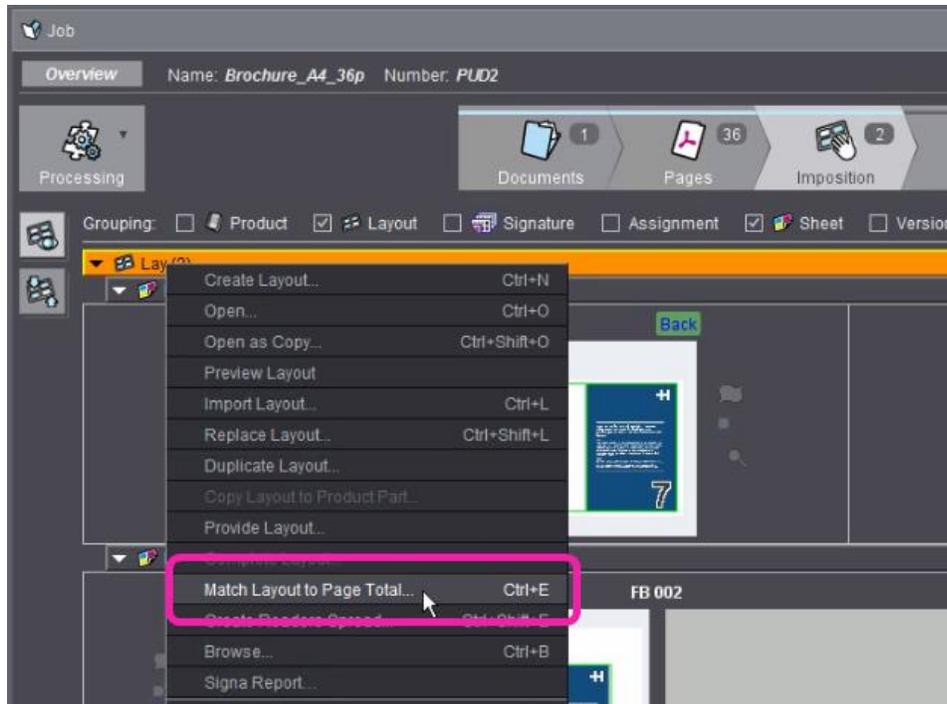
Automated Plate Output after PDF submission and PDF approval





Hotfolder with PDF Automation Pack (no Smart Automation)

- Product code does **not** influence the impositioning
- A bigger number of hot folder jobs need to be administered
- Jobs with differing page count need to be touched in production, Signa Server fulfils tasks after trigger





Smart Automation in Production

Needs setup and training - saves manual labor

Standard products (flyers, postcards, brochures, stationery) can be produced automatically, without operator invention

Version 16:

- Only sensible, if standard products are ordered via MIS or W2P
- Available as option for Prepress Manager customers

Version 17

- Automated production can be triggered by 'production externals'
 - with correctly named PDF files and – improved – hotfolders
 - by Prinect Portal Pending documents 'Job Maker'!
- Still available as option for 'standard' Prepress Manager customers
- Also available as choice in Production Manager rental license bundle (training required)



Other Smart Automation Improvements 2017

based on customer feedback

→ Smart Templates can contain

→ PDF Edit

→ Copy PDF

→ Smart Templates can be combined with

→ Sequences like AutoSheet /PageProof

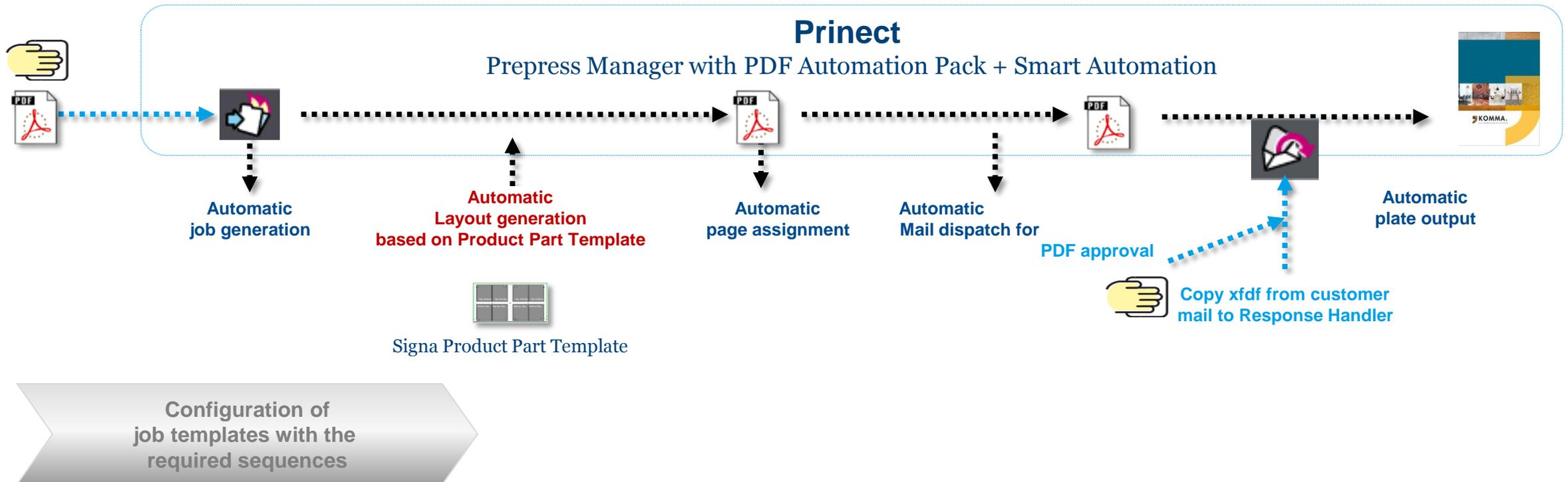
→ During Smart Template replacement

→ Production Type from MIS 'beats' JDF entry



New in Prinect 2017 – Hotfolder + Smart Automation

Automated Layout generation & Plate Output after PDF submission and PDF approval





Automated sequences started by Smart Automation & Hotfolder

The screenshot displays the Princt Cockpit software interface for a job named 'GeoExpedit'. The interface includes a menu bar (File, Edit, View, Job, Tools, Help), a toolbar with various icons, and a main workspace showing a sequence of processing steps. The steps are: PUJ MyQuality-HotFolder-CO1, PrepareCMYK, Email_PDF_CO1, AutoSheet, ImposePDF-F&B, XL106, XL106-8-P-SIM1, and 1_Sheet missing_POLAR-115-SIM_STARL-KH8. A status bar at the bottom shows 'Processing' and 'Planning...'. A table at the bottom lists the elements and their status.

Elements	Sequence	Status	Recent Message	Modification Date
Lay	XL106	8% Sig003 - FB 003 Impo.	No optimal color mark for output colors. Color mark used ...	Nov 11, 2016 10:54:14 PM
GeoExpedit#.pdf	AutoSheet	100% Warning	The layout part Layout Lay, Layout: Sig003, Layout: FB 003...	Nov 11, 2016 10:52:05 PM
Lay - FB 003	ImposePDF-F&B	100% Warning	No optimal color mark for output colors. Color mark used ...	Nov 11, 2016 10:52:05 PM
Lay - FB 002	ImposePDF-F&B	100% Warning	No optimal color mark for output colors. Color mark used ...	Nov 11, 2016 10:52:05 PM
Lay - FB 001	ImposePDF-F&B	100% Warning	No optimal color mark for output colors. Color mark used ...	Nov 11, 2016 10:52:05 PM
GeoExpedit#.pdf	PUJ MyQuality-HotFolder-CO1	100% Warning	Content: Color blending "Multiply" is present (5 - 8 12 - 13 ...	Nov 11, 2016 10:51:45 PM



Prinect Portal - Job Maker + Smart Automation

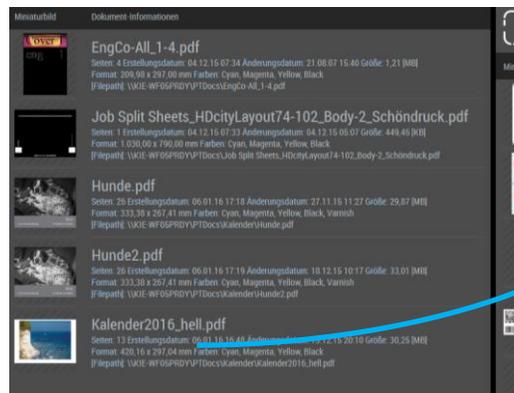
Produce standard products automatically - without W2P or MIS

- Employees with access to the Job Maker can produce standard print jobs out of a pre-defined document pool with **small training efforts**
- For production users – not externals or customers.
- Document Pool shows all incoming documents to be processed.
- Start automatic processing for standard products.
- Offer easy solution for products that can be standardized.

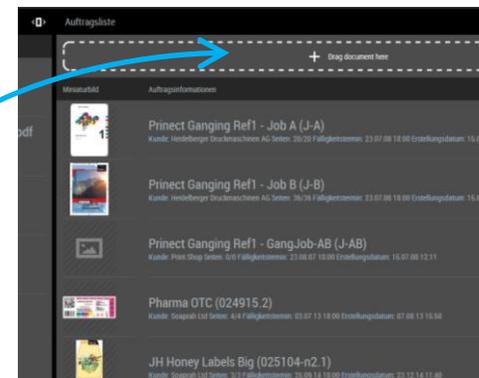
PT Docs



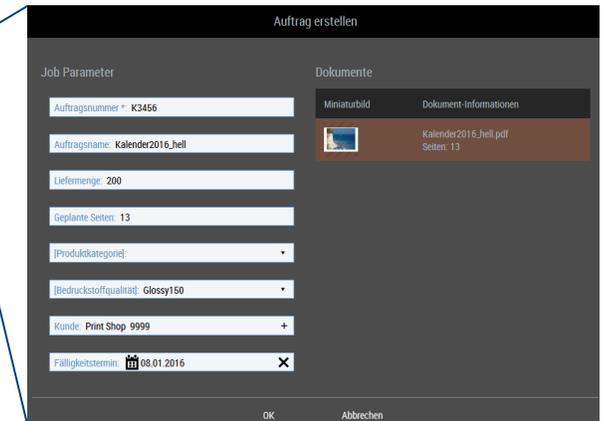
Pending Documents



Job List



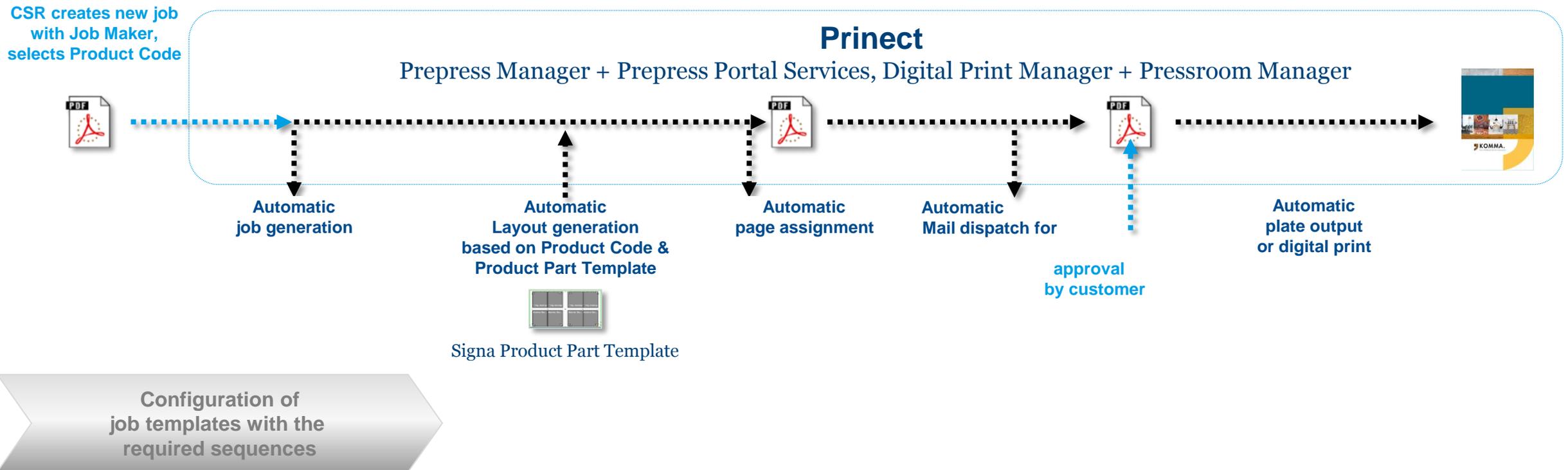
Job Maker





Smart Automation plus Prinect Portal with Prepress Portal Services

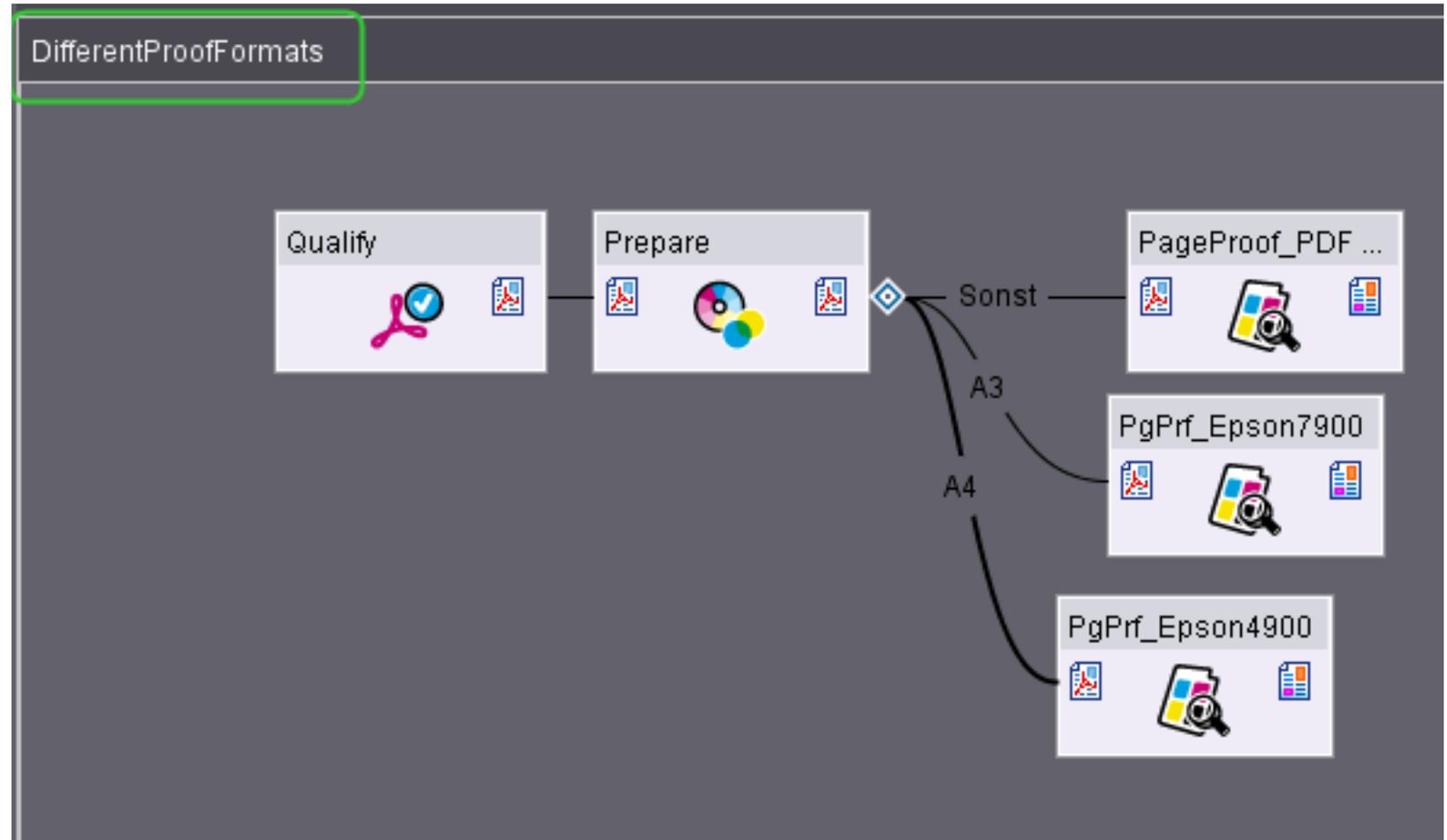
CSR can create job with Job Maker and triggers automated production



Smart Automation 2017 contains Conditional Processing

→ Conditional processing

→ DOCUMENT information triggers to which sequence the file is forwarded





Conditional Processing – Example 2

Use different Prepare sequences based on PDF colors

→ Qualify identifies colors in PDF

→ BW

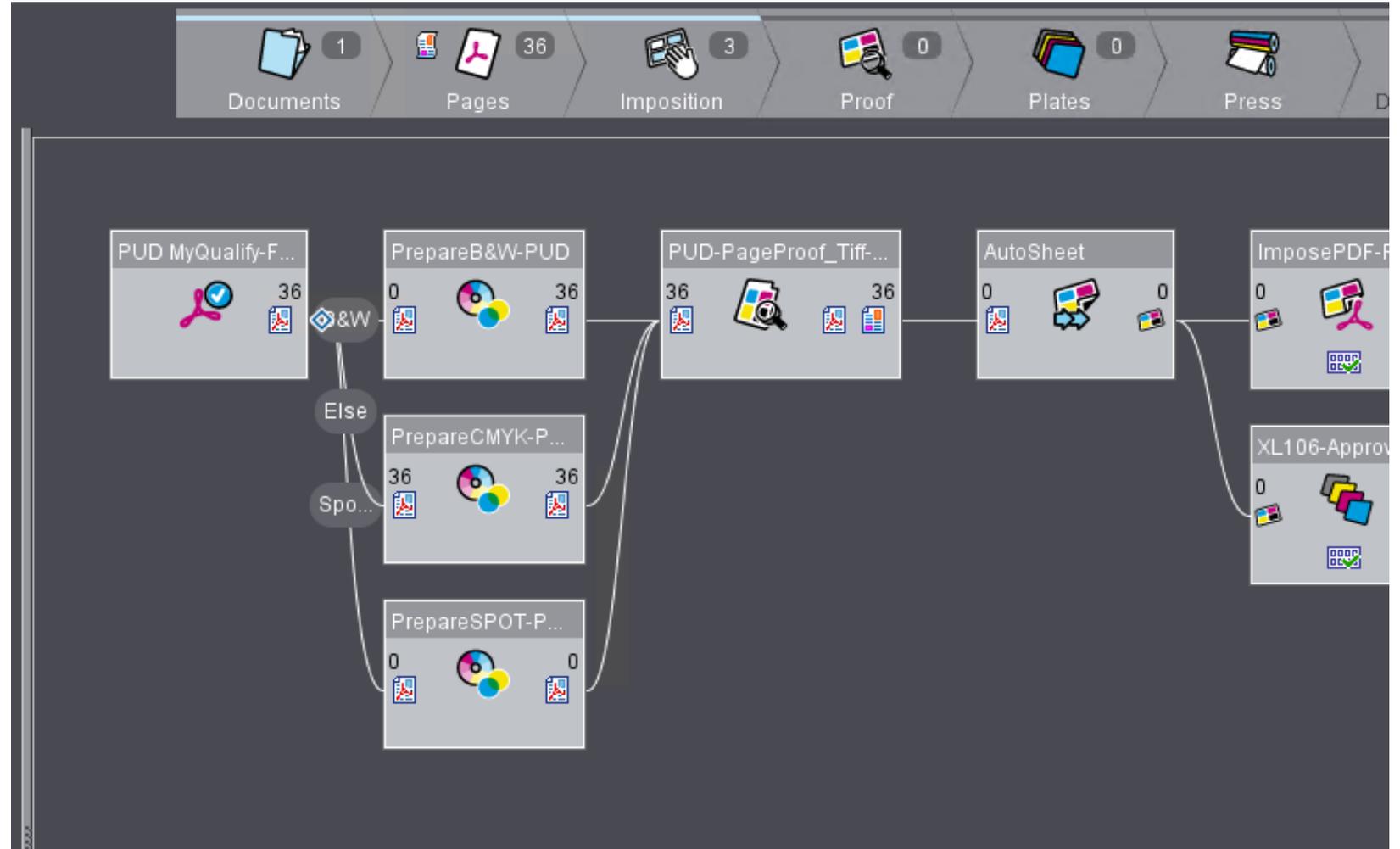
CMYK

SPOT

go to different prepare sequences

and treated correspondingly

without operator action



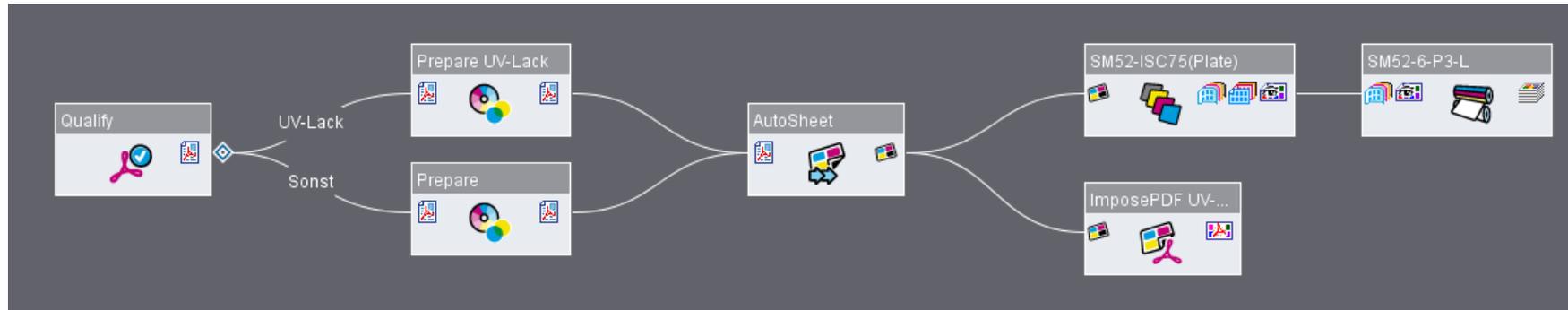


Conditional Processing – Example 2

Improve Label Printing with and without UV coating / Proof match ...

→ Situation:

Label printed with UV coating looks darker than a label without. Thus the proof and UV coated print do not match.



→ This smart automation sequence with conditional processing

- brightens “UV PDF files”, recognized by the separation “UV-Lack”, using a special DeviceLink profile.

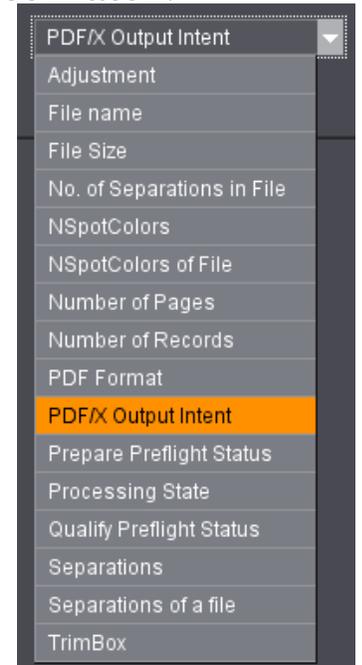
→ Proof and UV coated print match again.

→ The second switch = standard switch (also without Smart Automation),

triggered by “color use” for Plate and ImposePDF

→ automated output of plates as well as the imposed PDF for external imaging of the coating form

→ All these steps are effected fully automated, no operator has to take extra care.





PDF Compare - Sequence

Automated check of PDF changes made by the workflow

→ Mechanisms from PDF Compare in PDF Toolbox – now automated in the WF

→ Can avoid misprints

e.g. transparency issues, spot color knock out issues

Prepare (Prepare)

Trapping on AllTrappers

PDF Comparison on AllPDFCompares

The PDF is compared purely visually using rendered RGB thumbnails. As a result, the comparison requires a great amount of computing, with the computational effort increasing double the value of the resolution. Differences that cannot be seen visually such as converted spot colors are ignored in this process. Deviations between the compare pages that are not at least 3 x 3 pixels large are also ignored.

PDF Comparison

Compare within the TrimBox

Accuracy Medium

Resolution 300.0 dpi

Ignore "Transparent" Colors

Ignore "DieLine" Colors

Reporting

Create Comparison Report When at least warnings occur

Language of the Report Language of the Job

Page format of the report A4

Length unit in reports and messages pts

Resolution unit in reports and messages dpi

Report Template