



INTERNATIONAL
PRINECT USER DAYS

8th and 9th October 2014

5. International Prinect User Days, October 8th and 9th, 2014

Prinect Prepress 2015 The latest features / Ganging Special

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HEIDELBERG

What is new in Prinect Prepress 2015

1. New Cross-Prinect Functions in Prepress
(job notes, drag & drop to ease up work, configurable workflow steps, large jobs, Status Editor)
2. New / Improved Prinect Prepress Functions
 - Ganging
 - + Web2Print-Connectivity
 - Archiving, Versioning, new Proofers
3. Prinect Signa Station
4. Prinect Remote Access

NEW: Prinect Posters....

Coming with every installation and can be found under:

\\INT-Server\PTConfig\Diagnostics\Data\Prinectposter

Prinect Cockpit

Prinect Cockpit - The Job

Views
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Workflow Step by Step
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Default Elements to another Workflow Step
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Right Parameter Area
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Workflow Steps
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Job Printer Area
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Incoming to Dispatch
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

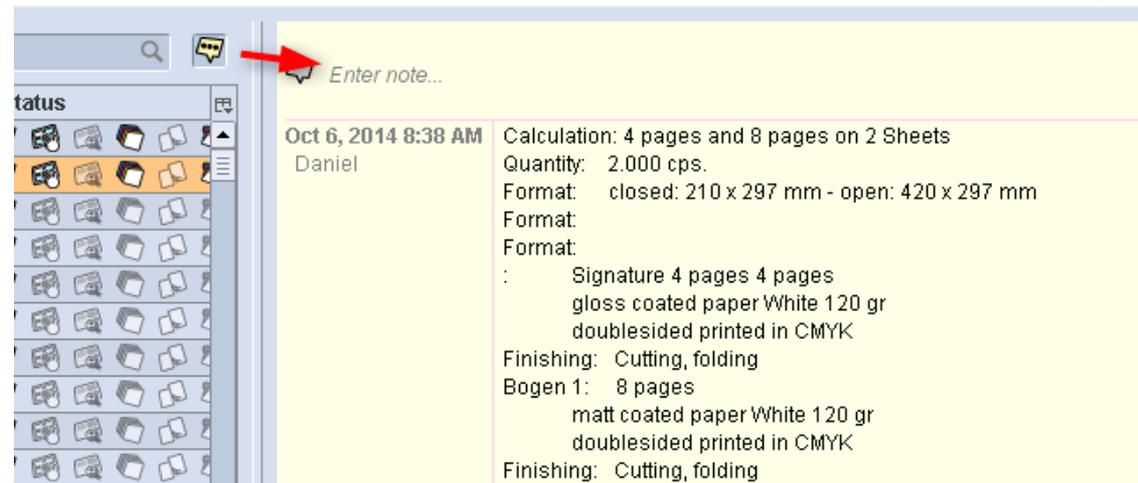
Status Area
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Bottom Line
 - Register
 - Register list
 - Register pages in a page list
 - Register
 - New pages in a Register
 - Register selection

Job Notes:

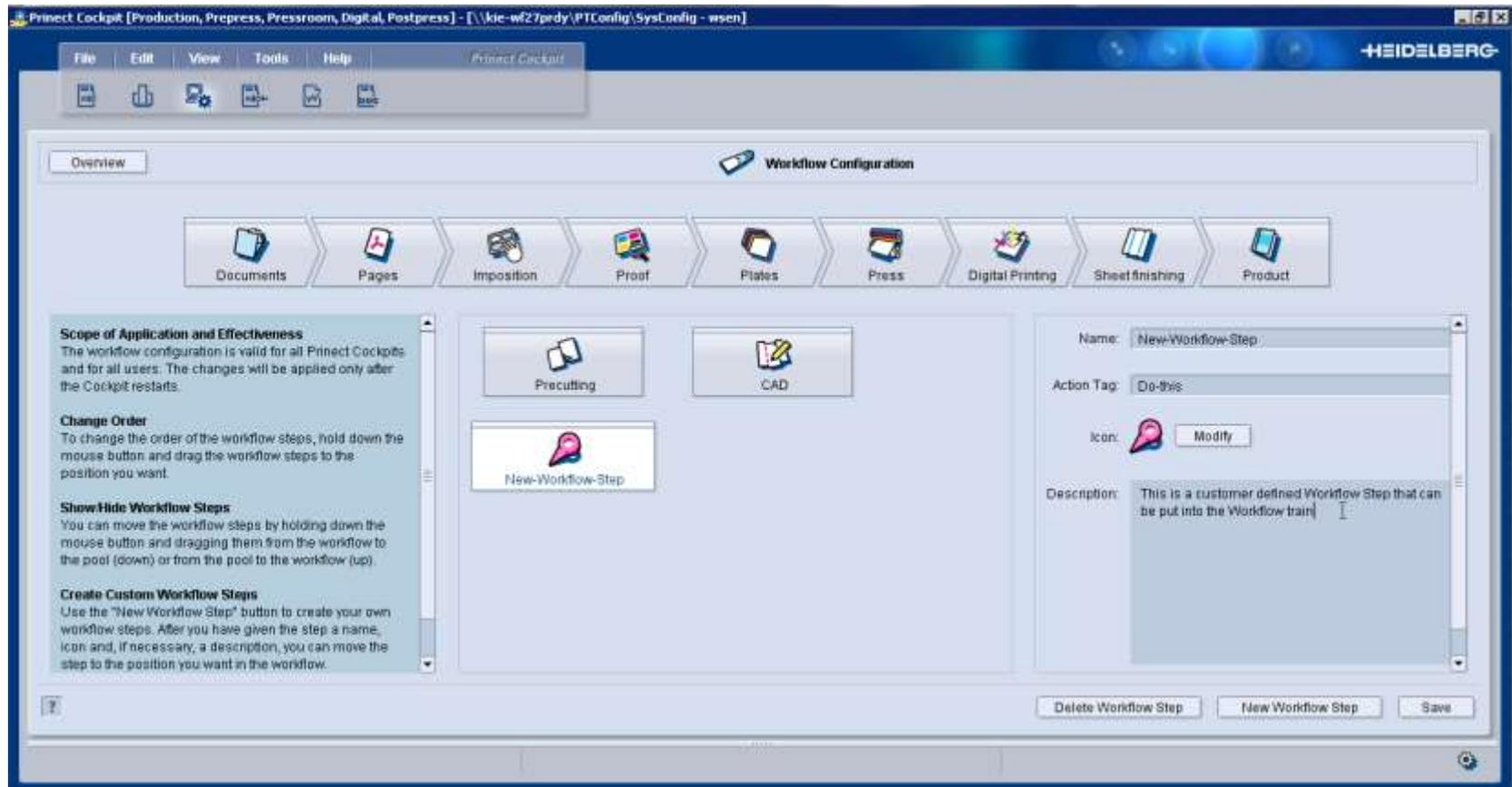
improved interdepartmental / ,between-shift‘ communication

- Notes and comments available in the Prinect workflow
- Input and display possibilities in
 - Prinect Cockpit
 - Data Terminal
 - Scheduler
 - Production Monitor in Business Manager / with Scheduler
 - Prinect Press Center / CP2000 Center



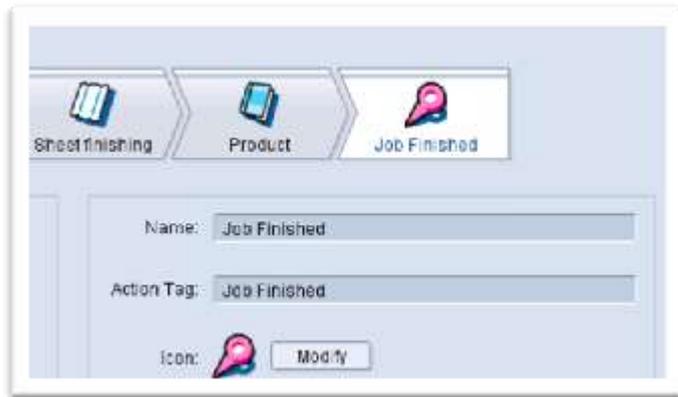
Configurable workflow steps

- Change workflow step order, hide steps, create steps (e.g. Artwork ready, external plate making, ...)



Configurable workflow steps

- Example: add a “Finish Checkpoint”



and – e.g. – set the status with the new optional “Prinect Status Editor”

Start: Last 6 months End: In 6 months Workflow Step: Printing-Completed, Job Finished-Not completed,
 Status: New, Active, Finished, Offline

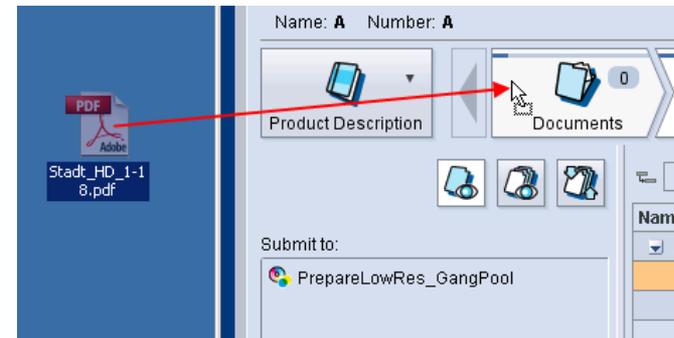
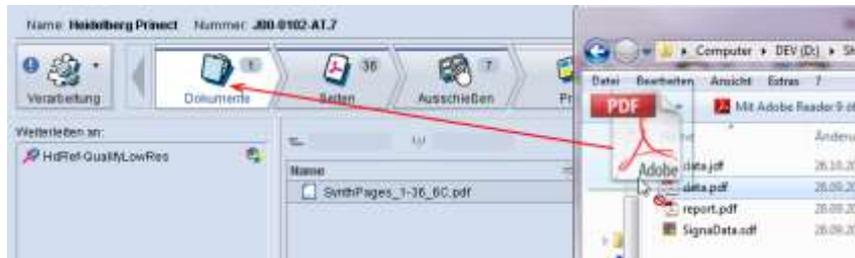
Job number	Job name	Customer name	Due Date	Printing	Job Finished
DK188418_01	248114_Uptown_Dress_Site	Same Werkagentur Ordnr	2014-04-11 00:00		
141004_02	100 Year Order	DanPrint	2014-10-30 10:00		

- Example: show only necessary steps at a digital print shop

Name	Assi...	Gang Job	Modification Date	Page Colors / 1up Col...	TrimBox Off
Assign Count : Not Assigned (0 1)					
02_digital_now_SMOOTHIE.pdf	0		Sep 4, 2014 11:20:07 ...	CMYK,Siebdruckweiss...	40.0 / 51.5

Workflow-View: Drag & Drop to import documents and start processing

- Drag documents from the file system / desktop to the documents tab (you can be in another step!)

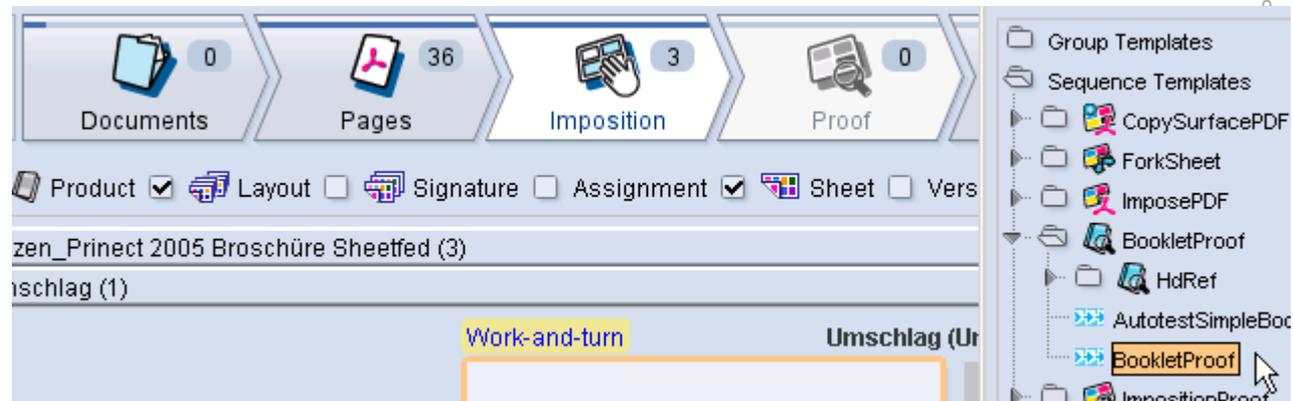


- Drag layouts from the file system / desktop to the layouts tab to import them



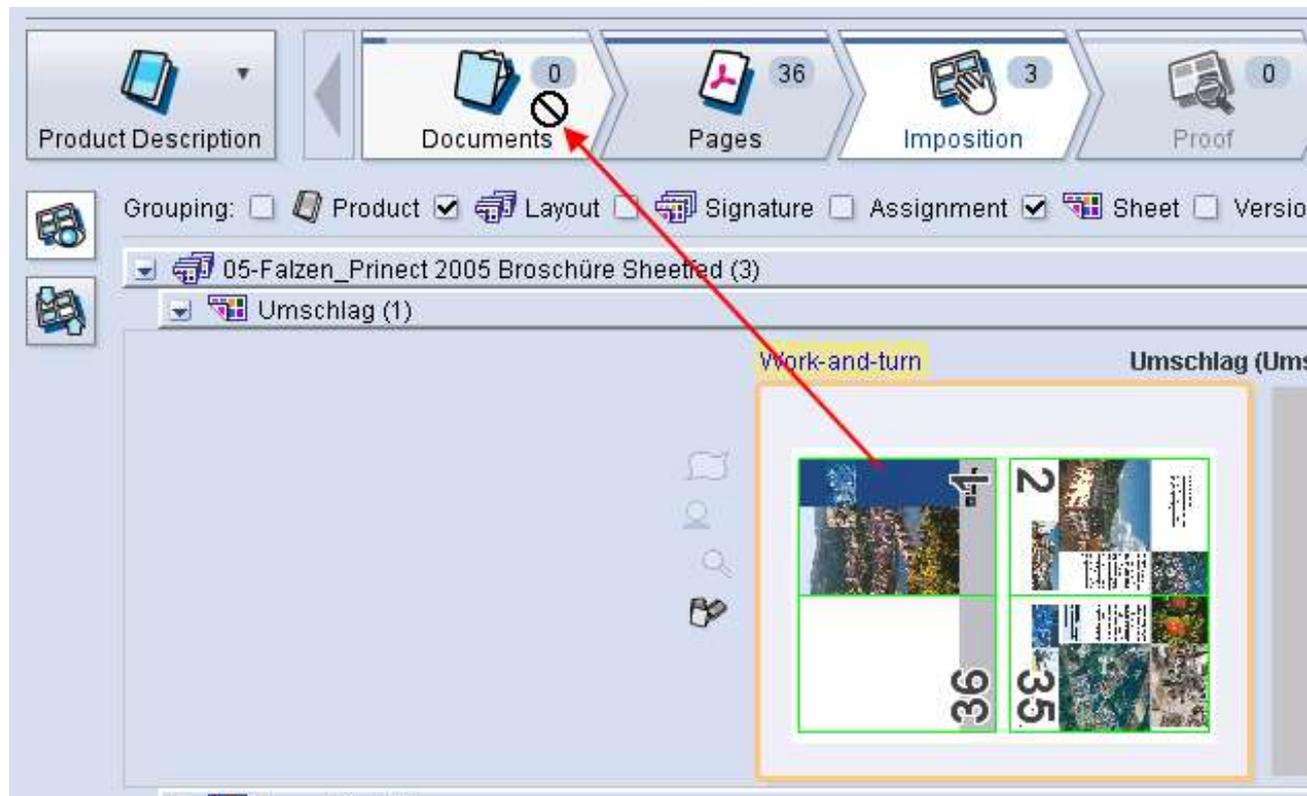
Workflow-View: Drag & Drop to start next / other work step

- Dragging to the next step opens the list of possible sequences
- Use Shift-Key opens 'Add Sequence' dialogue



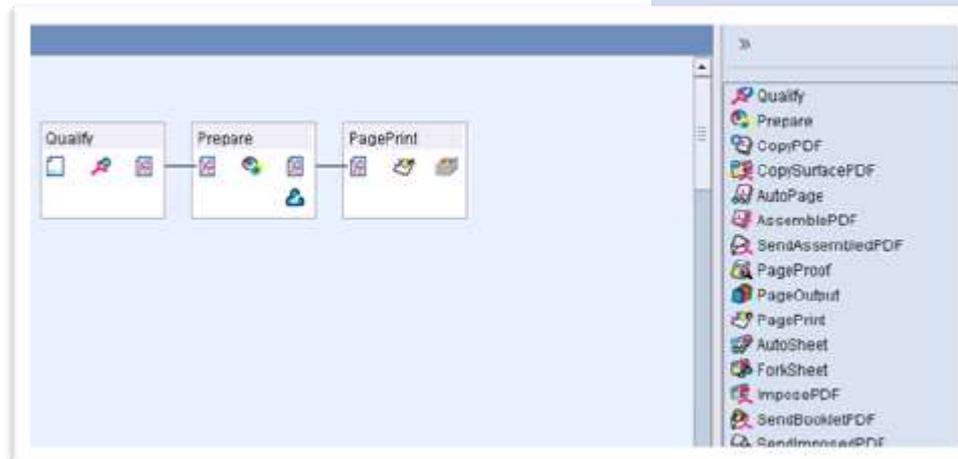
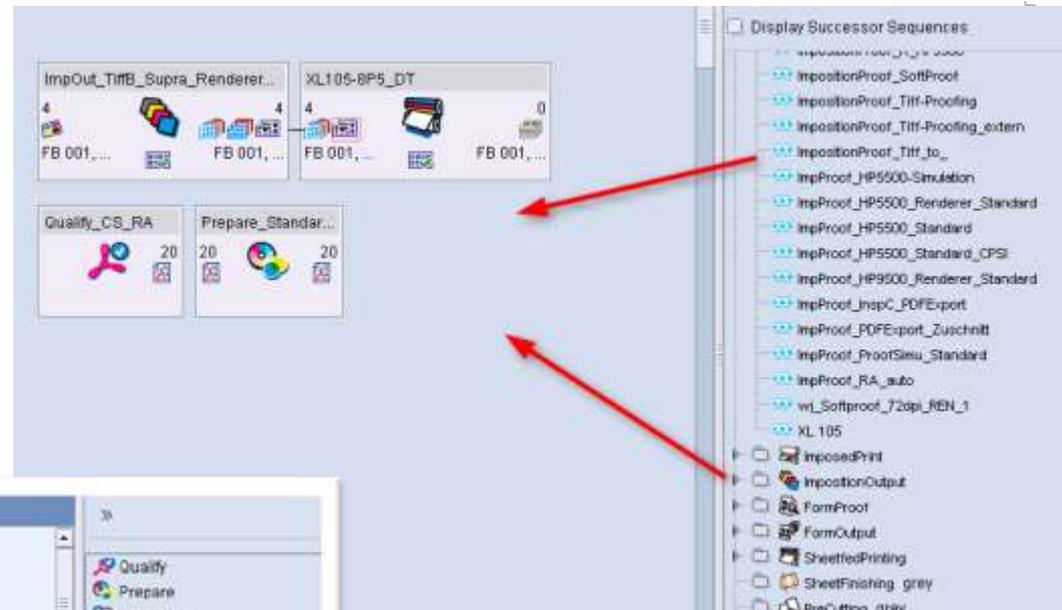
Workflow-View: shows what can't be done

- If dragging the element would not trigger a sensible step the mousepointer changes and shows it:



Workflow-View: Drag & Drop – the quickest way to add Templates to the process net

- add Sequence-, Group – or Smart-Templates to process net
- add Sequences during creation of Group- and Smart-Templates



Other Cockpit and Prepress Manager improvements

New Grouping-Views in Job Finder for better overview

- Workflow-Status

Workflow Status		Job Number	Job Name
▶	?	(0 425)	
▶	Pages	(0 593)	
▶	Imposition	(0 244)	
▶	Proof	(0 57)	
▶	Plates	(0 42)	
▶	Press	(0 15)	
▼	Job Finished	(0 1)	
		Brosch003	Brosch003

- Gang-Job
(See Ganging)

Gang Job		Job Number	Job
▶	Gang Job : -	(0 1267)	
▶	Gang Job : 130920GUSGANG	(0 7)	
▶	Gang Job : 131008002	(0 1)	
▶	Gang Job : 141002_05	(0 4)	
▶	Gang Job : 141003_d101	(0 60)	
▶	Gang Job : Gang job scheduled	(0 30)	
▶	Gang Job : Part of Gang Jobs	(0 8)	

Other Cockpit and Prepress Manager improvements

- Additional options in Color Carver
(see PDF-X4-Workshop / PDF Toolbox-Workshop)
- Filter extended by 'doesn't contain' / 'is empty' / 'is not empty'
- Job list shows the number of selected jobs
- Forwarding individual pages on to the Booklet Proof sequence
- Additional rules for automatic page assignment
- Improvements in PDF Optimizer
- Selectable JPEG compression level for transparency flattening

... and another one on Prepress Manager and Cockpit

- New Error-Report-Generation from Menu (for Service reasons)
- New Pantone color guides
- New, high-performance Heidelberg PDF library
- Approval of empty pages
- Enhanced installation routines for PDF Toolbox
- New checking options and functions in Preflighter
- The checkbox for "page lists" can be separately selected in "Job from template"
- Trapping of multiple master fonts
- Improvements in TakeOver-Dialogue (looks in old and new job)
- Improvements in Planned Tasks

Integrated archiving now included

- only requires hard disk space allocation
- It is now possible to utilize integrated / automated archiving functionality with any Prepress Manager
- WebUI for Overview and Administration can be opened from Cockpit or from any WebBrowser in the Network



Icon	Name	Status(Effective Status)	Volume #1	Volume #1 Status(Effective Status)	Volume #2	Volume #2 Status(Effective Status)
	DSP-01	Read/Write(Read/Write)	10.10.10.10-PC1:4793, Drive D:	Read/Write(Read/Write)	10.10.10.10-PC2:4793, Drive H:	Read/Write(Read/Write)

Prinect Renderer and Shooter

- Latest Adobe PDF Print Engine version 3.2
- **Expanded options for queue control**
- Enhanced reference images for Prinect Inspection Control
- New sequence for object screening

- Prinect Shooter
- extended imaging protocol file for third-party MIS systems

ColorProof Pro – Version 5.1.2

- Color Proof Pro Server is now a 64-bit application
- New proofers
 - HP T7100
 - OKI C931 and OKI ES9431
- Other Supported proofers
Detailed list of the proofers supported with Color Proof Pro 5.1.2:
[ColorProof Pro Printer List.xlsx](#) (ask you local support team)
- Renderer only:
OKI C941 White and OKI ES9451 White (*Special Name 'WHITE_INK' for output*)
- Job priorities for gang proof output via Renderer
- Enhanced proof simulation of printing on transparent foils

Prinect MetaDimension

- Latest Adobe PDF Print Engine 3.2
- CPSI version 3020.101 as in Prinect 2013
- New operating systems (also for CtP online)
Windows 8 Ultimate 64-bit
Windows Server 2012 64-bit
- Patches can now also be installed via Prinect Maintenance Center

Prinect PDF Toolbox 2015

– Usability improvements in all Tools

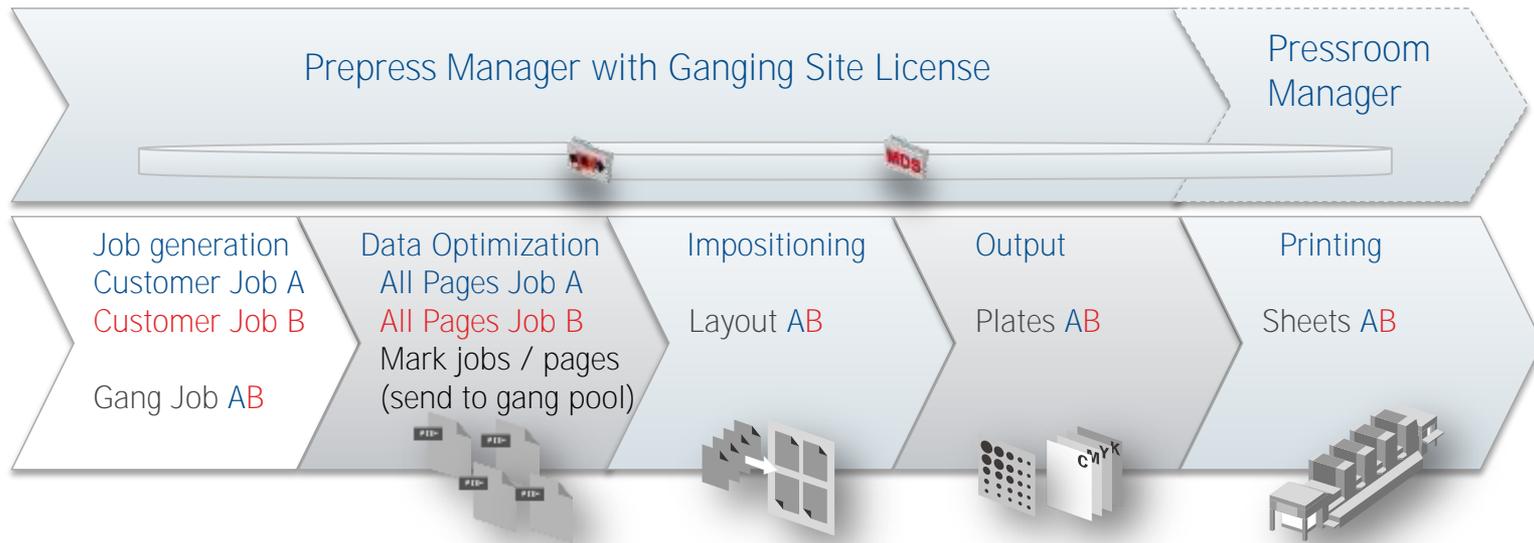
- **PDF Assistant**
PDF Report - PDF/VT – Geometry – Separation Control – Assemble Pages
- **Color Editor**
Color Management – Spot Colors – Multicolor
- Coating Editor
- Trap Editor
- Object Editor
- Barcode Editor
- Versioning Assistant

→separate workshop!

Ganging Special: What is new in Prinect 2015?

- Improved use of Ganging without W2P-Connection
- Better display and sorting in Prinect Cockpit
- Automatic ganging using predefined Layouts
- Gang form creation enhancements
- Signa Report available from Prinect Cockpit

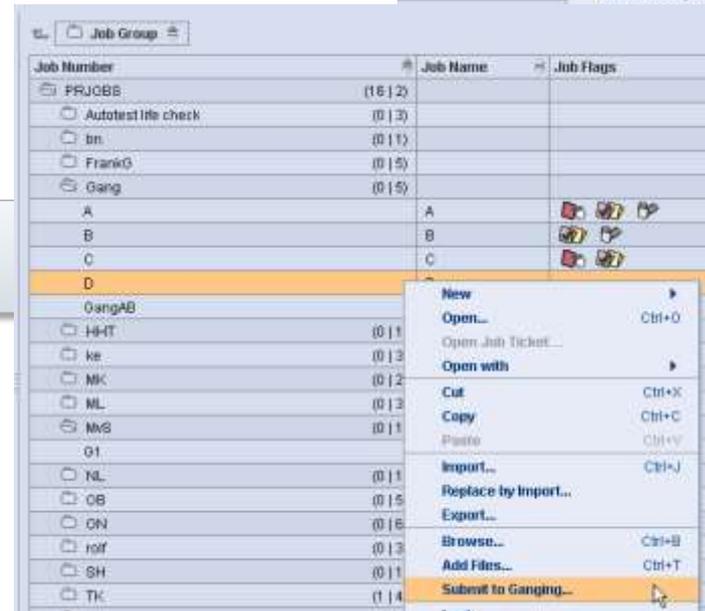
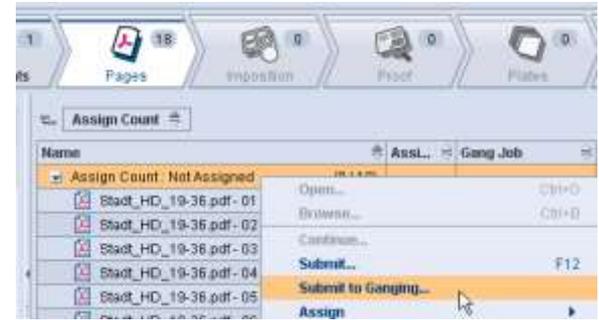
Gang Printing without W2P? – 5 Things to do



Gang Printing without W2P? (1)

1. Manually send files/jobs to Gang Pool: 'Submit to Ganging' from

- the open job in
 - Pages or
 - Imposition
 (e.g. if you want to gang covers only)
- the job list



Prepress Manager with Ganging Site License

Job generation
Customer Job A
Customer Job B

Data Optimization
All Pages Job A
All Pages Job B
Mark jobs / pages
(send to gang pool)



Gang Printing without W2P? (2)

Manually send files/jobs to Gang Pool:

2. Add information necessary for gang pool

Prepress Manager with Ganging Site License

Job generation
Customer Job A
Customer Job B

Data Optimization
All Pages Job A
All Pages Job B
Mark jobs / pages
(send to gang pool)

Submit to Ganging

18 pages affected

-Product-

Delivery quantity: Overproduction: %

Product Code: Product Part Template...

Folding: Scheme: Select... Rule:

-Sequence-

-Colors-

Front: CMYK,HD_Grau

Back: CMYK,HD_Grau

-Paper-

Printing material quality: Paper Grammage: g/m²

Grain Direction:

-Miscellaneous-

Set Due Date:

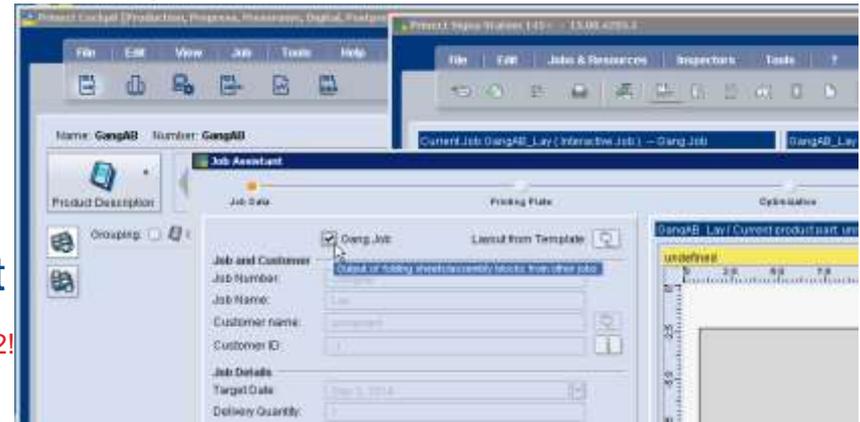
Comment:

User-defined Attributes: State: not existent

Gang Printing without W2P? (3, 4, 5)

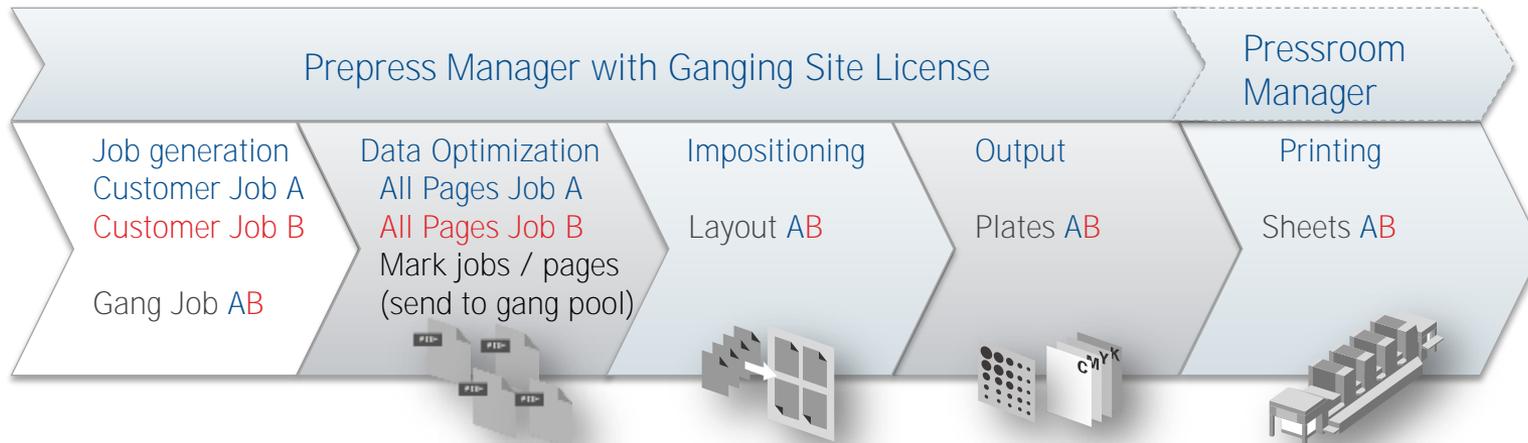
3. Manually create gang job(s)
4. make impositioning in gang job with Prinect Signa Station Gang Assistant

¡Attention: Gang Assistant needs information provided in step 2!



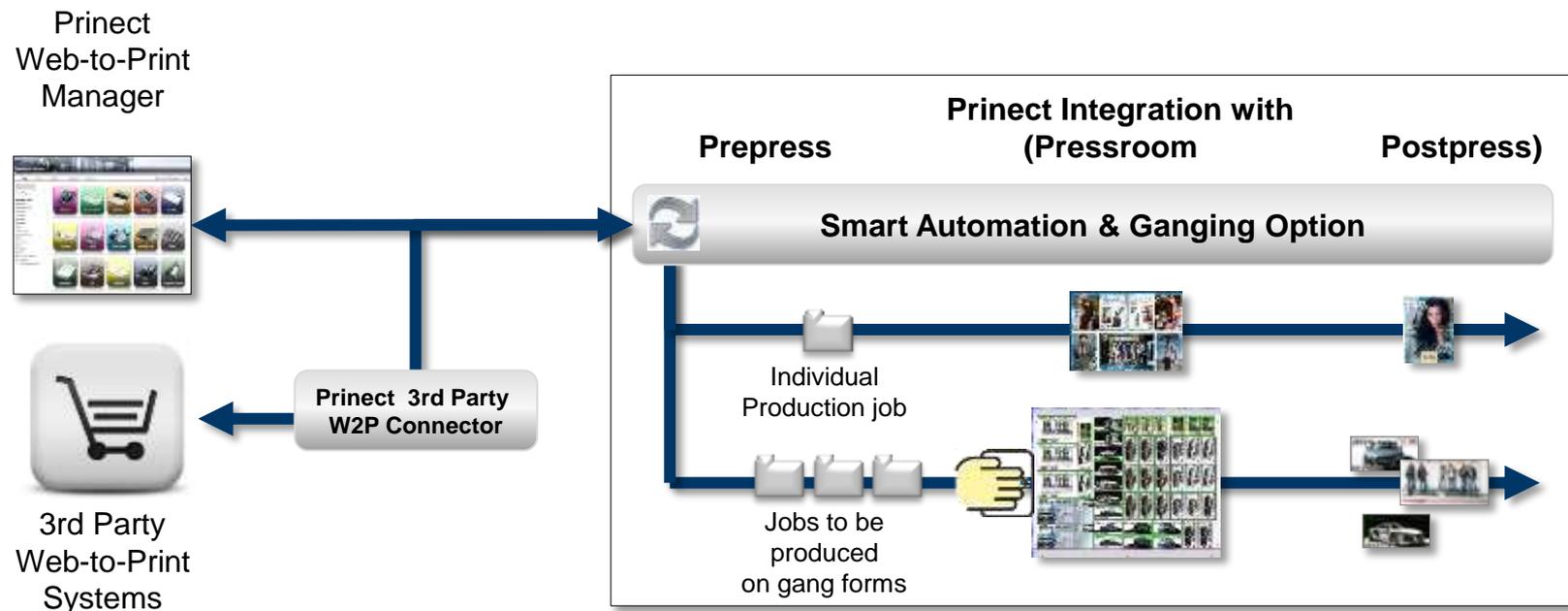
5. output in gang job

- References are copied to gang job automatically
- Jobs are forwarded to press / postpress in integrated WF



Prinect Integration with W2P + Smart Automation: Maximum level of automation

- Smart Automation supports both individual production of jobs and putting jobs into the gang pool for gang form production



Gang Printing – Changes in Cockpit

- New Column in JobFinder - Groupable for better overview:

The screenshot shows the JobFinder interface with a new 'Gang Job' column highlighted in red. The main table lists jobs with their IDs, flags, and status. A detailed view of the 'Gang Job' column shows a hierarchy of jobs, including a summary row and individual job entries, all highlighted in red.

Job ID	Job Flags	Gang Job	Job Status
2751		130920GU...	▶ Idle
0024...		131007002...	▶ Idle
0024...		131008001...	▶ Idle
2740		130920GU...	▶ Idle
0024...		131008002	▶ Idle
0024...		131008001...	▶ Idle

Job Number	Job Name
▶ Gang Job :-	(0 1261)
▶ Gang Job : 130920GUSGANG	(0 7)
▶ Gang Job : 131008002	(0 1)
▶ Gang Job : 141002_05	(0 4)
▶ Gang Job : Gang job scheduled	(0 2)
▶ Gang Job : Part of Gang Jobs	(0 8)

- Status:

- View into the Gangpool from Cockpit (more features in next Version)

The screenshot shows the 'Manage Gang Pool...' dialog box. It includes a 'Folder for Gang Jobs' field, a 'List of Jobs' section with a table of job details, and a 'Printing material' dropdown menu.

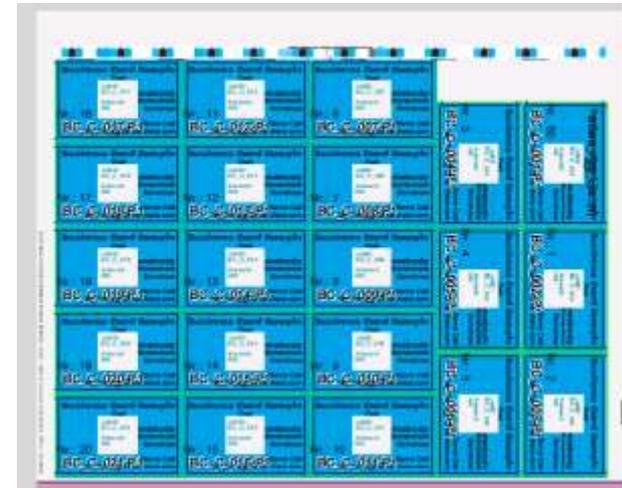
Job Number	Delivery date	Customer Name
▶ Printing material : (0 15)		
▼ Printing material : ... (0 15)		
J-GUS-00002765	Oct 18, 2013 6:00:00 PM	w2p-customer-org
J-GUS-00002766	Oct 18, 2013 6:00:00 PM	w2p-customer-org
J-GUS-00002808	Nov 18, 2013 6:00:00 PM	w2p-customer-org
J-GUS-00002809	Nov 18, 2013 6:00:00 PM	w2p-customer-org
J-GUS-00002864	Nov 18, 2013 6:00:00 PM	w2p-customer-org

Ganging enhancements Prinect 2015: alternatively use fixed layouts

- Benefits:
e.g. perfect layouts for existing diecutters, pre-printed sheets, ...



Instead of:



Gang form creation enhancements Prinect 2015

Gang Assistant: Gang run forms / 1

- Optimized usage of the respective sheet space

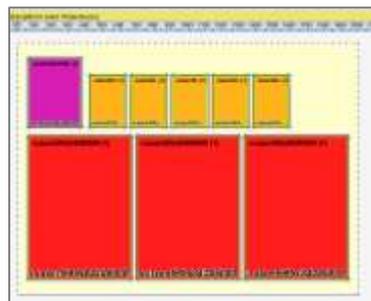


Result with P2013

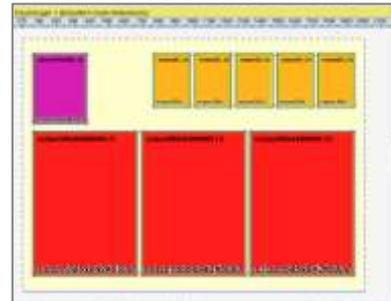


Result with 2015

- Optimized placement in view of subsequent cutting



Result with P2013



Result with 2015

Gang form creation enhancements Prinect 2015

Gang Assistant: Gang run forms / 2

- Optional limitation of the max. number of products per gang form
- Deliberate placement and scaling of sheet marks
- Many small but helpful detail features like e.g. “printable gang form report”

The screenshot shows the 'Packaging' tab in the Prinect software. The 'Gang Assistant' report is displayed on the right side, enclosed in a red box. The report provides a summary of the job, including the number of sheets, articles, and costs.

Job Number: Prinect 2015_Prinect 2015

Sheets Quantity Blank Spaces (of 170)

Sheet	Quantity	Blank Spaces
1	477	0
2	209	0

No. Article

No.	Article	Shape	Production	Overproduction	Waste on Sheets (Count)
1	4c_102_Eisdeckel_blueberry#50000	10612212	50000	85	0 1(105)
2	4c_102_Eisdeckel_citrus#25000	10612212	25000	80	0 2(120)
3	4c_102_Eisdeckel_pineapple	10612212	30000	1005	0 1(65)
4	4c_102_Eisdeckel_strawberry	10612212	10000	450	0 2(50)

Total Values:

Number of Varying Press Sheets:	2
Different Articles:	4
Splits:	0
Total Sheet Count:	686
Total Target Quantity:	115000
Total Paid Overproduction:	1620
Blank Waste (Items):	0
Printed Waste (Items):	0
Efficiency Factor (per Item):	100.00 %
Total Real Costs:	2081.18

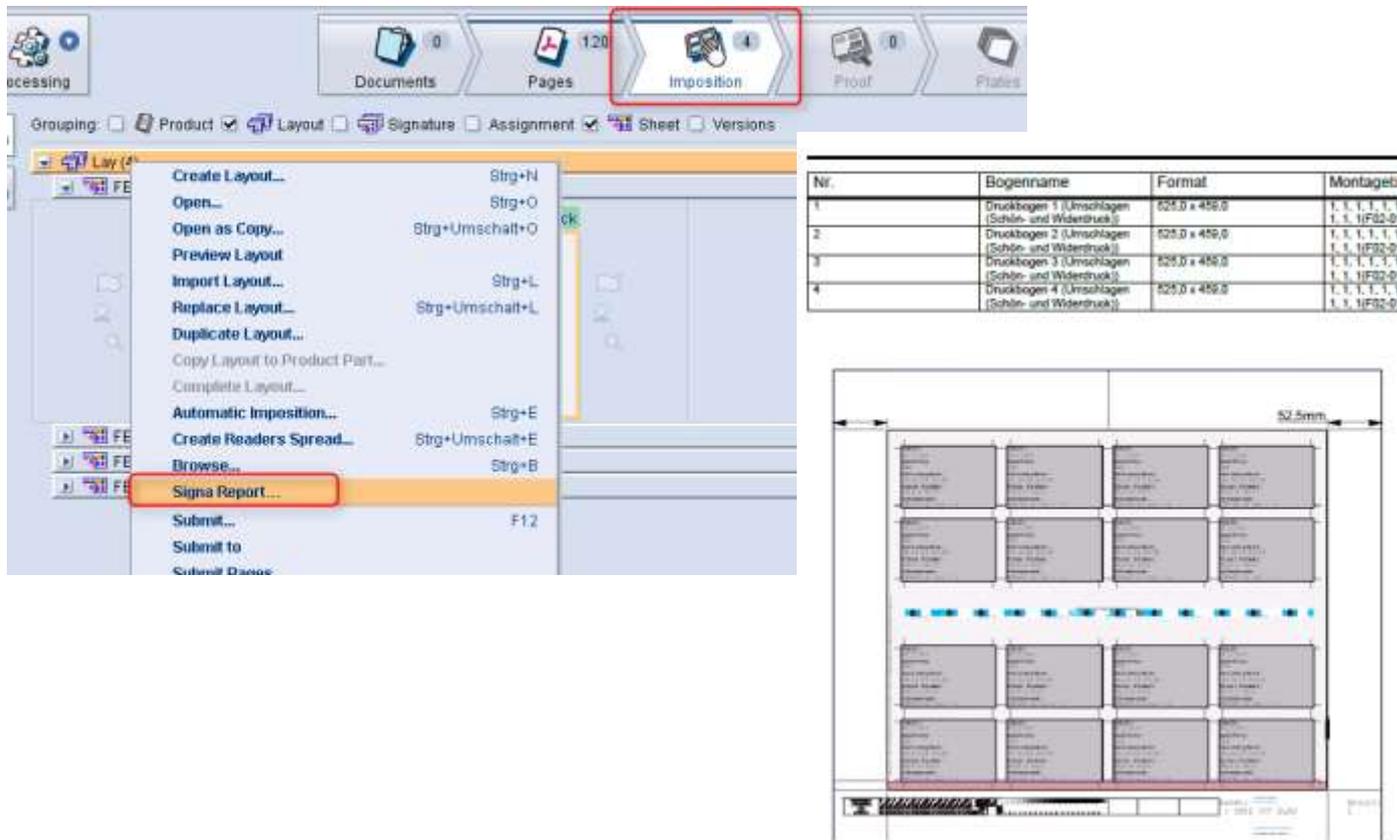
The 'Optimization Result' section at the bottom left shows:

Blank Waste (Items):	0
Printed Waste (Items):	0
Efficiency Factor (per Item):	100.00 %
Total Real Costs:	2081.18

A red arrow points from the 'Report' button at the bottom of the interface to the 'Gang Assistant' report box.

Signa-Report is available out of Cockpit

- Contains Information about the Gang-Job incl. a Layout-Preview with Identifier-Marks



The screenshot shows the Heidelberg Prinect Cockpit interface. The 'Imposition' button in the top toolbar is highlighted with a red box. The 'Imposition' menu is open, and the 'Signa Report...' option is highlighted with a red box. To the right, a table lists the job details, and below it, a layout preview shows a 2x2 grid of pages with a 52.5mm margin.

Nr.	Bogenname	Format	Montagebl.
1	Druckbogen 1 (Umschlagen Schlön- und Widerdruck)	625,0 x 450,0	1, 1, 1, 1, 1, 1
2	Druckbogen 2 (Umschlagen Schlön- und Widerdruck)	625,0 x 450,0	1, 1, 1(F02), 2(1)
3	Druckbogen 3 (Umschlagen Schlön- und Widerdruck)	625,0 x 450,0	1, 1, 1, 1, 1, 1
4	Druckbogen 4 (Umschlagen Schlön- und Widerdruck)	625,0 x 450,0	1, 1, 1, 1, 1, 1

Connections to 3rd Party W2P systems

- Customer specific projects
 - Heidelberg local support assists
 - Chargeable service
- Approach
 - Analysis of the W2P system's XML/PDF submission capabilities
 - Structuring / clustering of W2P products to keep configuration efforts low
 - Definition of optimum processing paths for W2P products
 - Configuration both in the W2P and the Prinect system

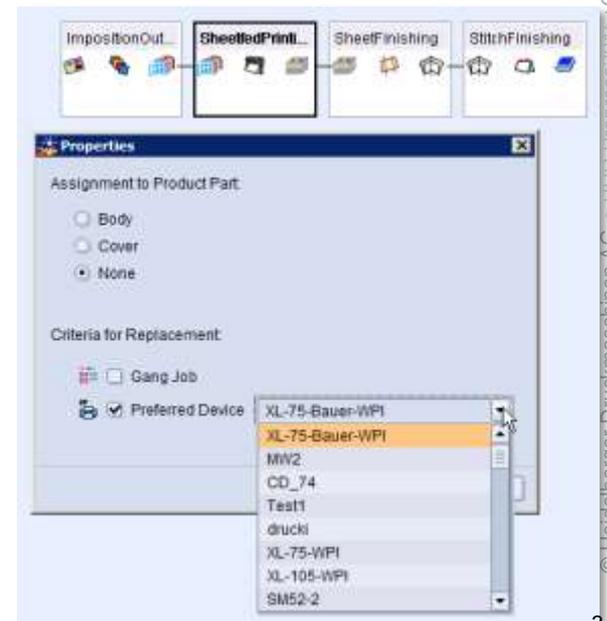
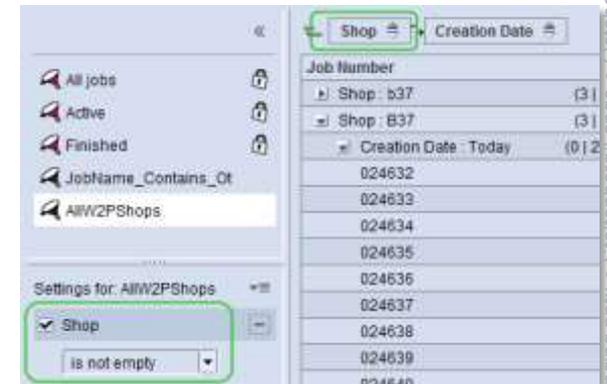
Automation - What's new in Prinect 2015?

Web-to-Print Connectivity

- Compatibility with Prinect 2015 Web-to-Print Manager (Pageflex 8.3)
- Updated Prinect 3rd Party W2P Interface Spec
3rd Party Connector now also containing CSV import
- With Smart Automation:
Enhanced integration with Prinect Business Manager
 - Takeover of customer data and delivery address data from Web-to-Print Manager into Business Manager
 - Takeover of „Delivery & Handling“ fees from Web-to-Print Manager into Business Manager
 - Synchronization of product types between Business Manager and Integration System

Smart Automation - What's new in Prinect 2015?

- More clarity in Cockpit job finder
 - Differentiation which Web shop (if multiple) generated the order
 - Column for Web shop ID, W2P product type, and W2P product code
 - Filters applicable
 - All the above information shown in the job/product description
- Users may define preferred devices within Smart Templates
 - E.g. to preselect a specific press
 - E.g. to print proofs on two different devices



New Prinect Versioning Functions

- Take over complex versioned jobs from Business Manager
- version description in sheet view of Layout / Proof
 - names can be simplified
- Improved versioned print with Press Center 14A: keep color settings
- Automatically calculate the print run in Signa Station

Prinect Signa Station: Use Version Description instead of Version Names in UI

The screenshot displays the Prinect Signa Station interface, focusing on the Version Editor and a job structure tree. The Version Editor window is divided into three panes: Available Layers, Versions, and Layers in Versions. The Versions pane shows a table with columns for Name and Description. The Description column is highlighted with a red box, showing three entries: 001 Deutsch, 002 Franz, and 003 Englisch. Below the Version Editor, a 'Versioning' dialog box is shown with the 'Use Version Description in Views' checkbox checked and highlighted with a red box. A red arrow points from this checkbox to the job structure tree on the right. The job structure tree shows a hierarchy of folders and items. The 'Versions cluster: A' folder contains several 'Press Sheet' folders. Each 'Press Sheet' folder contains 'Front' and 'Back' items. The 'Front' and 'Back' items are labeled with version descriptions, such as '2Deutsch', '2Franz', '2Englisch', etc. The 'Product Part' folders are labeled with version descriptions, such as 'Deutsch, Franz' and 'Englisch'. The 'Versions' folder at the bottom contains three items labeled 'Deutsch, 001', 'Franz, 002', and 'Englisch, 003'. Red boxes highlight these version descriptions in the job structure tree.

Name	Description
001	Deutsch
002	Franz
003	Englisch

Versioning
Used chars from version for variant name: Unshortened
 Use 'Version Description' in Views

Job
Versions cluster: A
Press Sheets
Press Sheet 1 (Sheetwise (front and back))
Front: 01: 2Deutsch
Back: 01: 2Deutsch
Press Sheet 1-1 (Sheetwise (front and back))
Front: 01: 2Franz
Back: 01: 2Franz
Press Sheet 2 (Sheetwise (front and back))
Front: 01: Deutsch
Back: 01: Deutsch
Press Sheet 2-1 (Sheetwise (front and back))
Front: 01: Franz
Back: 01: Franz
Press Sheet 1-2 (Sheetwise (front and back))
Front: 01: 2Englisch
Back: 01: 2Englisch
Product Part: Deutsch, Franz
Product Part: Englisch
Versions
Deutsch, 001
Franz, 002
Englisch, 003

New in Prinect Signa Station 2015

- Improvements in Gang Assistant for Gang forms (see chapter 'ganging')
- Improvements in Versioning (previous slide)
- Overall user friendliness
- Postpress integration
- Marks and barcodes
- Further improvements

Prinect Signa Station 2015

Overall user friendliness

- New safety functions – either to avoid errors or to warn the user in case of possible errors
- Better visualization of job components and their mutual relation
- Many small but helpful detail improvements

Postpress integration

- More precise calculation of creeping in case of segmented (e.g. two up) production

Prinect Signa Station 2015 Marks and barcodes

- Intelligent ink pickup bars
- Plate number barcode to appear on plates (pressroom!)
- Extended parameterization for collating marks
- Automated positioning of color bars
- Extended range of barcode values
- Marks scaling via arrow keys
- Many small detail improvements like e.g. “99 (instead of 15) free variable attributes for sheet information”

Prinect Remote Access – easier for the print buyer

- Working without Java possible
 - Simple Upload and Booklet-Viewer based on html
- Elimination of checkboxes the user does not understand
 - Secure login moved to Administrator Page
- Disturbing unnecessary checkboxes have been eliminated
 - Express-Upload now defined only in Cockpit
- Selection buttons are clearer
 - ‘Close Book’ and ‘Close Job’
- Assign pages is simplified
 - Right mouse, Ctrl-Key and Approval-State visible
- Switch between several page lists directly in booklet tool

Remote Access: Easier for the Print Buyer

1. No more need for Java ...

Further Java components have been replaced by HTML5 implementations

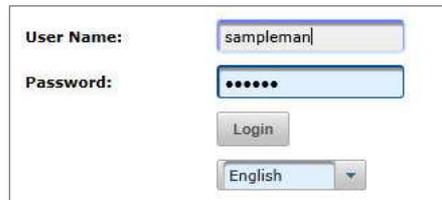
Print buyers do not need to enable Java in their machines - except if they want or need to use

- the “Pixel Proof Viewer” (alternative: “Book View” tool)
- the “Upload Manager” (alternative: “HTML5 upload” tool)

With the exception of using the “Pixel Proof Viewer” and the “Upload Manager”, all menus and workflows do now run both on Tablets and iPhone!

Many simplifications for the print buyer. Examples:

Checkbox “Secure connection” at login has been made obsolete. The admin determines whether the user logs in via http or https.



Remote Access 2015 login form showing fields for User Name (sampleman), Password (masked with dots), Login button, and a language dropdown menu set to English.

Remote Access 2015



Remote Access 2013 login form showing fields for User Name (sampleman), Password (masked with dots), a checked checkbox for “Secure connection”, Login button, and a language dropdown menu set to English. The checkbox is highlighted with a red box.

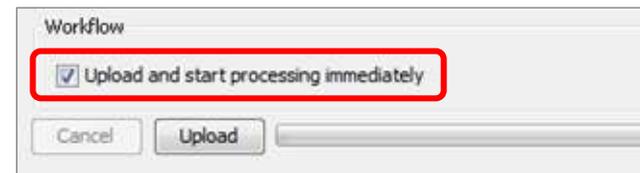
Remote Access 2013

Checkbox “Upload and start processing immediately” has been made obsolete. Production determines how the upload is being processed.



Remote Access 2015 upload dialog showing Cancel and Upload buttons and a progress bar.

Remote Access 2015



Remote Access 2013 upload dialog showing a Workflow section with a checked checkbox for “Upload and start processing immediately”, Cancel and Upload buttons, and a progress bar. The checkbox is highlighted with a red box.

Remote Access 2013

Many simplifications for the print buyer. More examples:

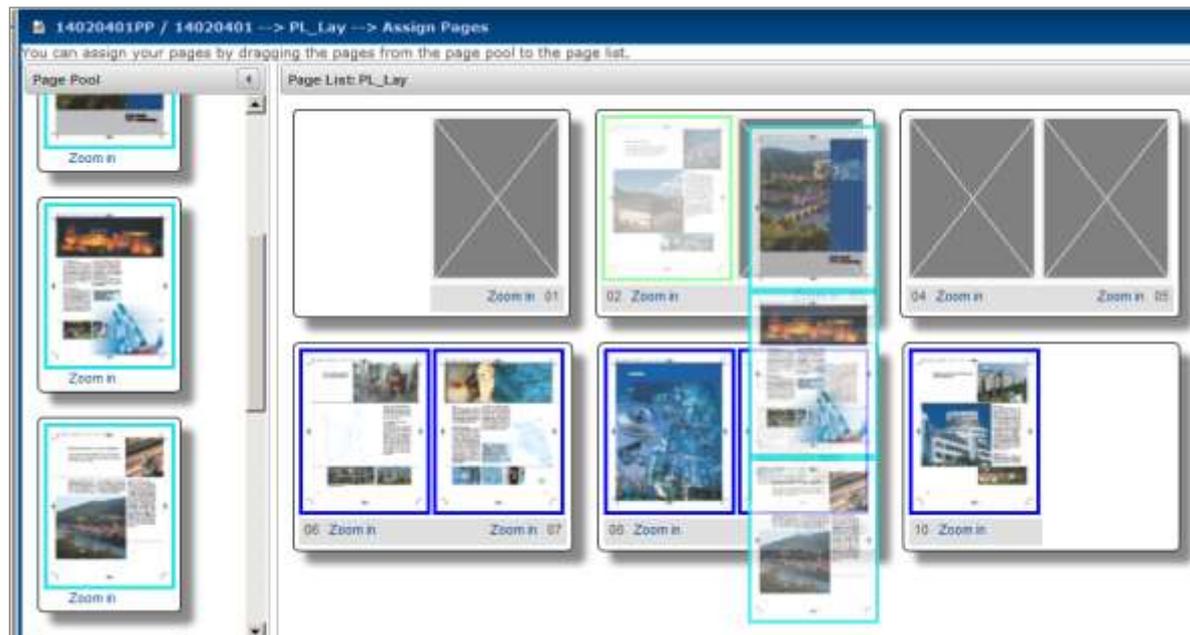
Remote Access automatically detects whether Java is enabled or not. If not, Java based options (e.g. Upload Manager) are automatically being suppressed.

The captions on several buttons have been made more clear. In some cases, two distinct buttons now replace “one former mysterious one”.



Unnecessary (and disturbing) popups are being avoided.

“Assign Pages” menu does now show page approval status (blue, green, and red indicators as in “Page List” menu)



Also new: Multi select enabled for both pages in page pool and page list
Also new: Once pages are approved, their positions can not be altered any longer (more production security)

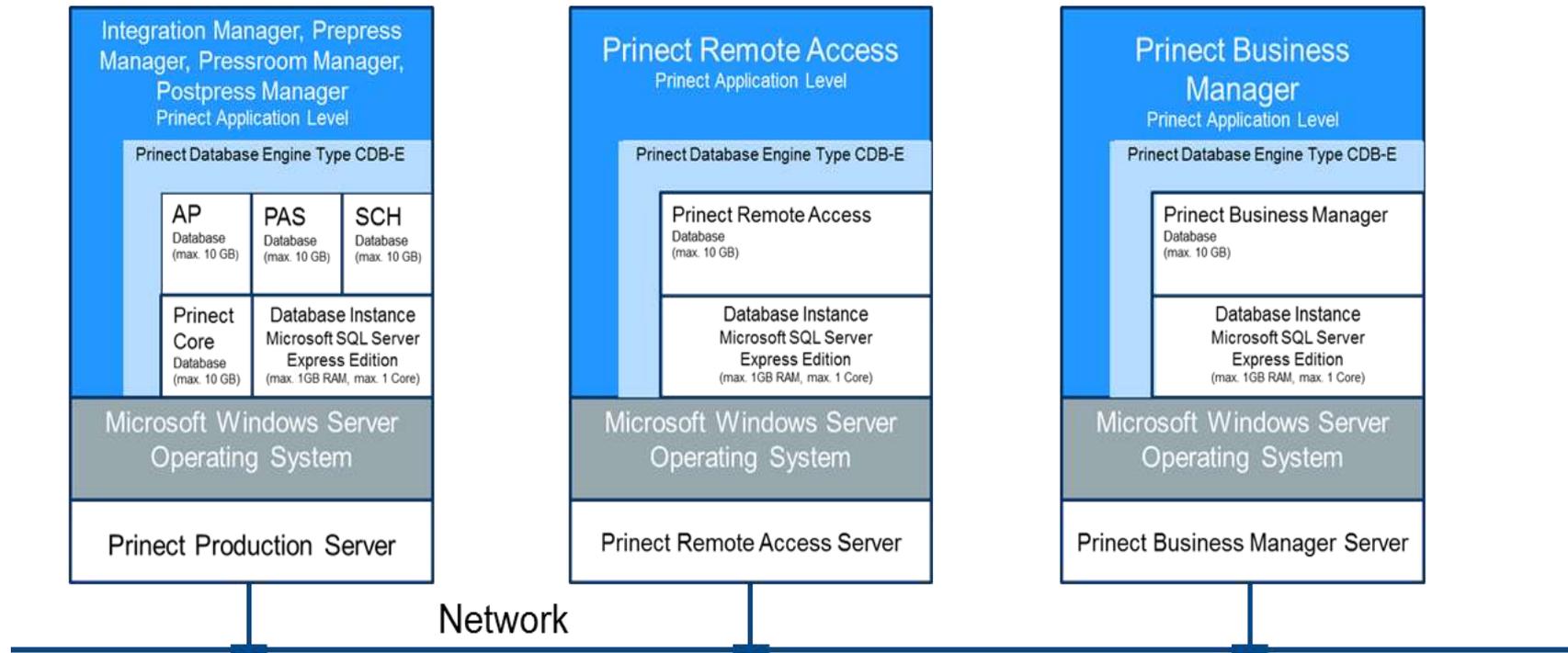
Booklet review

In the “Booklet Review” tool, the user can now switch between Page Lists (if existing).



Prinect Database

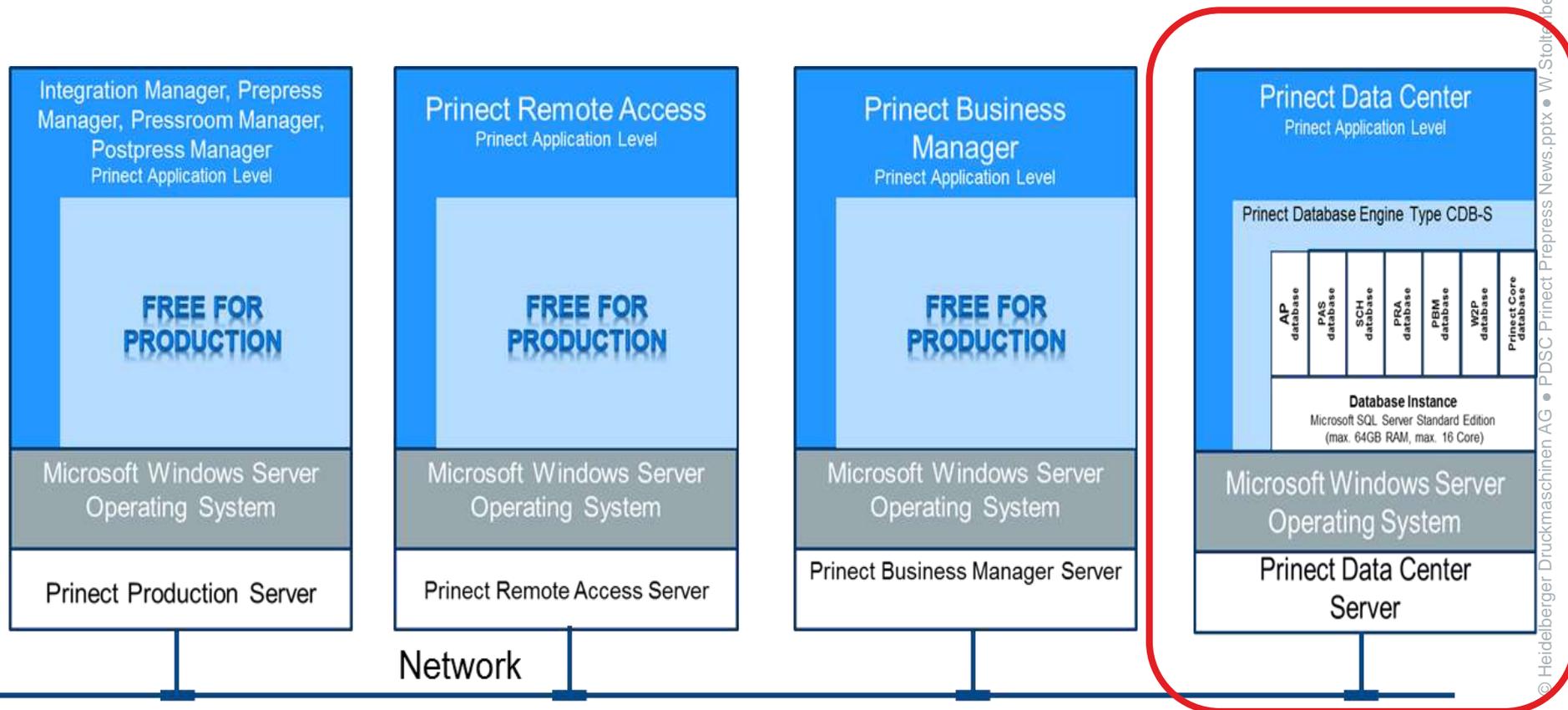
With new Prinect installs, a database engine (Microsoft SQL Server Express Edition) is part of the scope of delivery. This database is can hold databases sized up to 10 GB for several products .



Customers with high workload and require more performance ...

Prinect Data Center for high volume customers

- You want to relieve your production server from workload
- Your database size grows larger





INTERNATIONAL
PRINECT USER DAYS

8th and 9th October 2014

5. International Princt User Days, October 8th and 9th, 2014

Thank you for your attention!

HEIDELBERG

