



Quick Start Workflow Labelfire. **Prinect Cockpit 2017.**

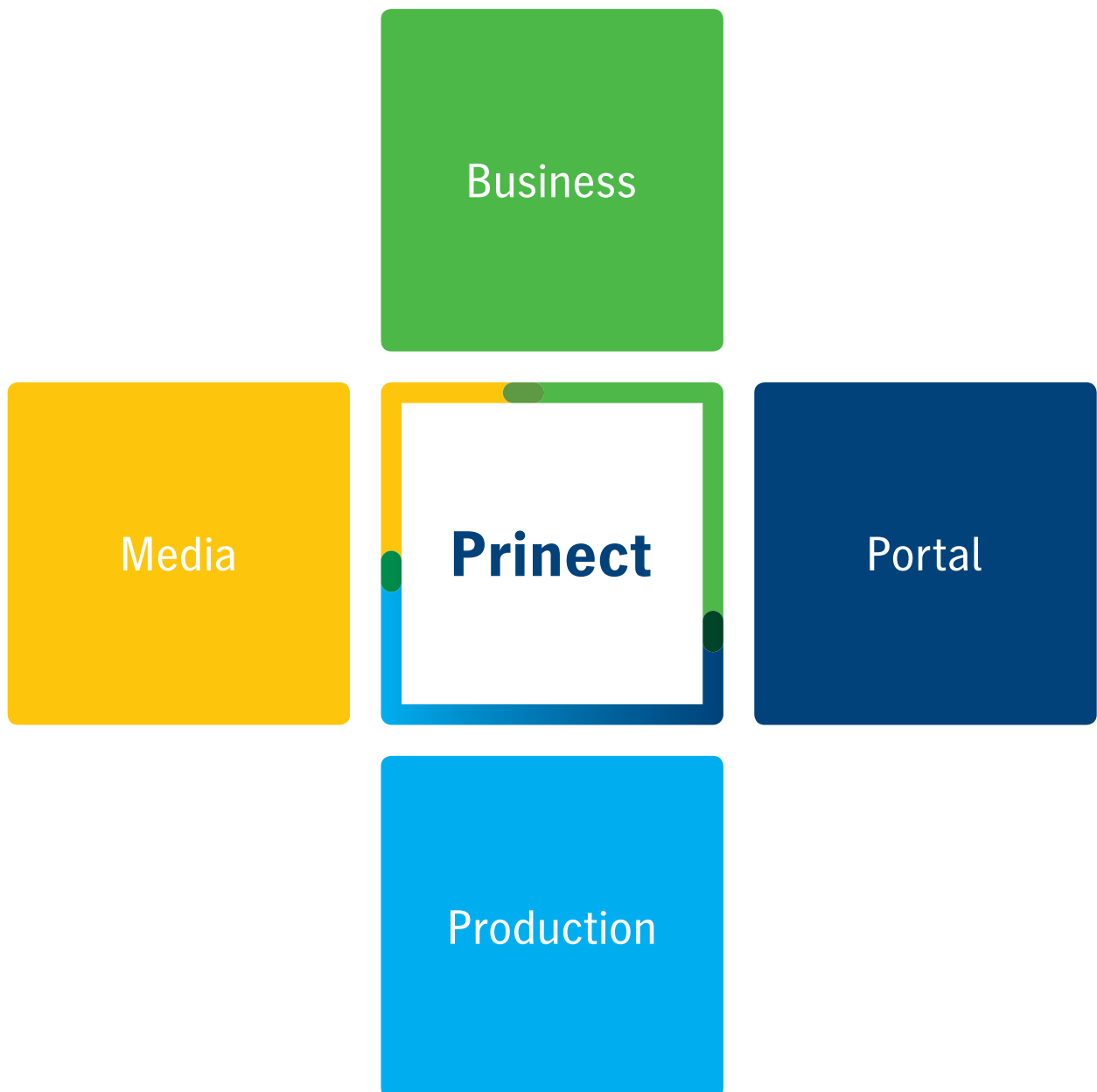


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Overview of the Hotfolder Workflow

Documents to be printed:	Ready-for-press PDF with CMYK data and spot colors, based on a working color space, with the order of the printing unit colors defined (e.g. from ArtPro), 1ups and marks defined in the PDF
Workflow:	Automated output through hotfolder
Preparation:	<ol style="list-style-type: none">1. Create a Qualify sequence and, if needed, a Prepare sequence2. Create PagePrint sequences for all output conditions3. Create a job without documents as a template The Qualify sequence in which the hotfolder is defined, as well as a Prepare and PagePrint sequence if required, is added to this job template.
Workflow (see "Printing with a Hotfolder", page 9):	<ol style="list-style-type: none">1. Copy the PDF file to the hotfolder2. Open the print job created as a result of this in the Prinect Cockpit3. When working with only one hotfolder: Add the PagePrint sequence matching the print job4. Check the print job and, if necessary, correct single settings5. Submit to the DFE (Digital Front End)



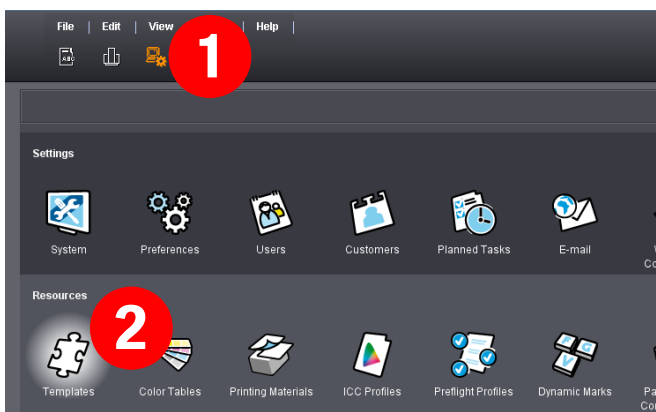
Note: The description below shows you how to work with several hotfolders with an assigned Page-Print sequence. Depending on your work environment, you can also create one or more hotfolders, for example, one for each customer or if the PagePrint sequences are to be already assigned to the job template.

When you are working with just one hotfolder, the PagePrint sequence must be assigned interactively during job processing.

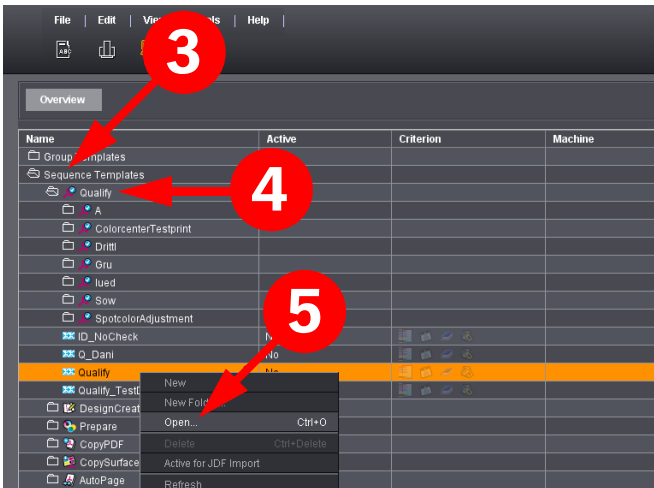
When you are working with several hotfolders, each hotfolder is assigned automatically to a printing material because a specific printing material is selected through the PagePrint sequence.

How to Prepare Your Hotfolder Workflow

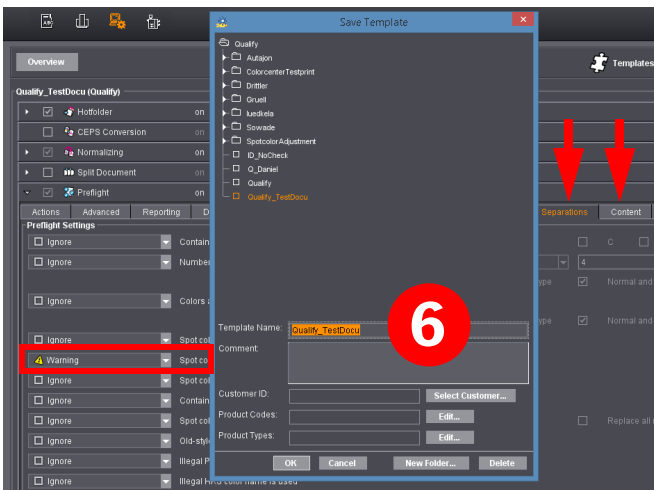
Create a Qualify sequence



1. In the Prinect Cockpit in "Administration" (1), click "Templates" (2).

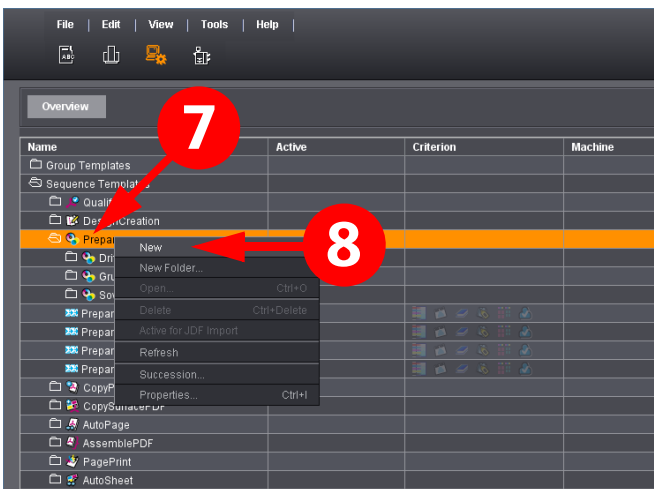


2. Open "Sequence Templates" (3) and open the "Qualify" template type (4).
3. Open the Qualify sequence included in the shipment as a template (5).



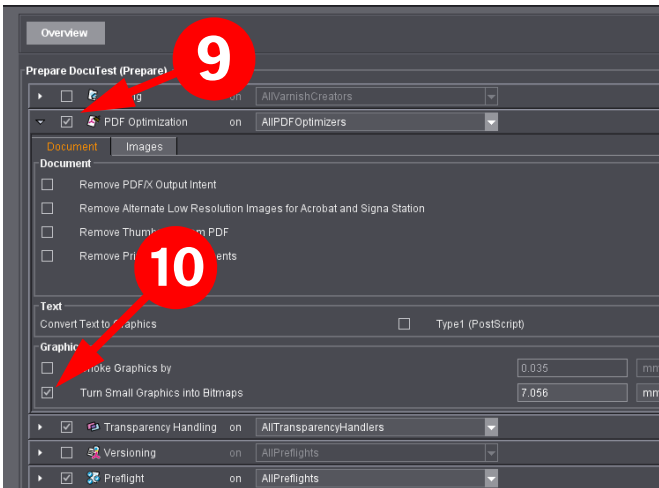
- You can keep most of the default settings.
- Recommendation:
4. Edit the following settings:
 "Preflight > Separations": enable Warning for "Spot color not found in the color tables"
 "Preflight > Content": Disable "Change flatness to the..." and "Increase line weight to this value"
 5. Save the sequence, giving it a new name (6).

Create a Prepare sequence



- A Prepare sequence may be needed if there are vectorized fonts in the print job. In the Prepare sequence, you can optimize printing of the outline fonts by an alternative Renderer process. If you don't use the sequence, the line weight of small fonts may become noticeably wider.
6. Open the "Prepare" sequence type (7) in "Sequence Templates" and create a new sequence (8).

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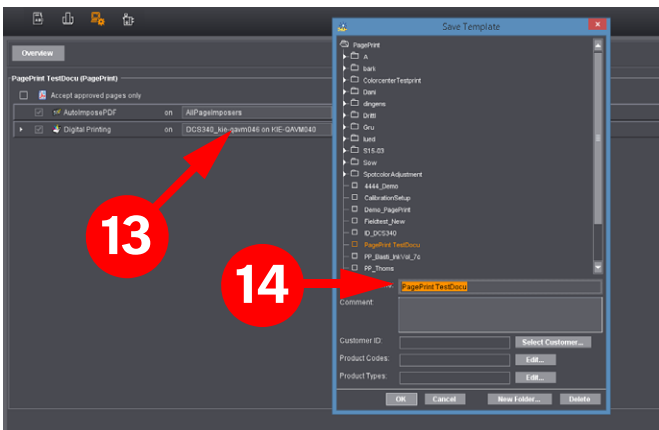
7. Enable "PDF Optimization" (9) and enable "Turn Small Graphics into Bitmaps" (10).

8. Save the new Prepare sequence.

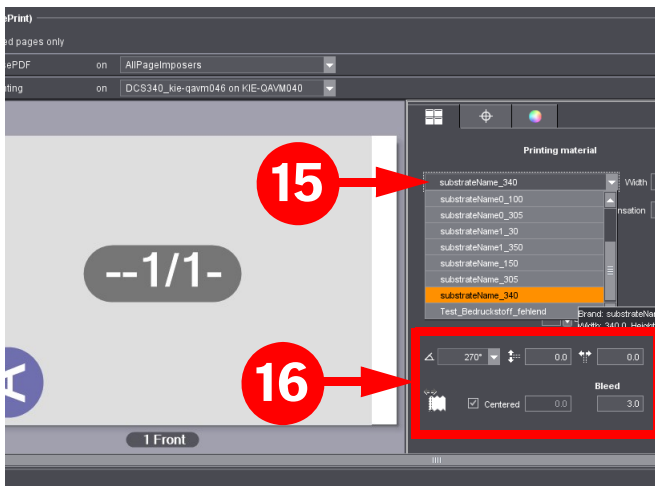
Create a PagePrint sequence



1. In "Administration" (11), go to "Templates > Sequence Templates" and create a new sequence in the "PagePrint" sequence type (12).



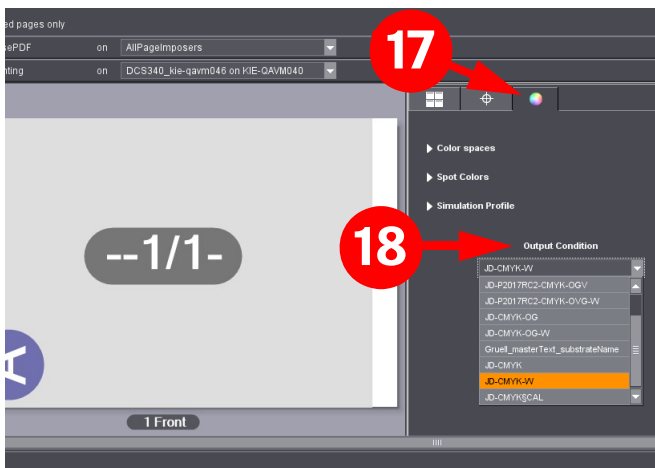
2. Select the digital press (13) and save the sequence, giving it a new name (14).



3. Open the digital print settings and first of all select the printing material (15).

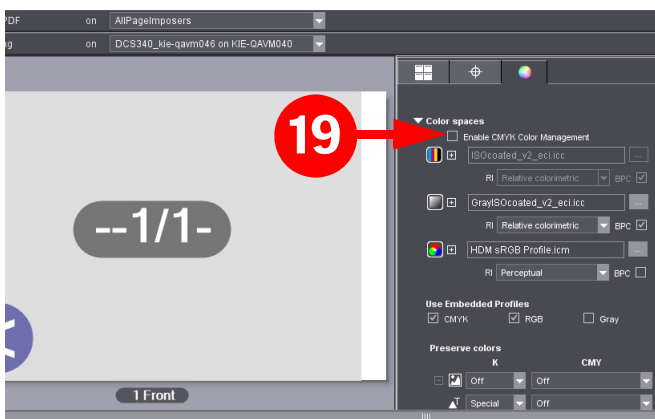
Note: The information about the available printing materials normally comes from the press.

4. If necessary, change settings like orientation (if the PDF is rotated) or bleed (16).



5. In the "Color settings" tab (17), select the "output condition" (18) for this PagePrint sequence. Only the output conditions that were created for the selected printing material are listed.

Note: The output conditions are created with the Color Center and link the substrate data with a machine parameter set and all necessary information about color processing like, for example, ink limit, calibration and ICC profile. You can find more details about this in the Online Help of the Prinect Color Center. Several output conditions can be required, depending on the substrate, for example, multicolor (CMYK + orange, green, violet) without white, with flexo white and with digital white.

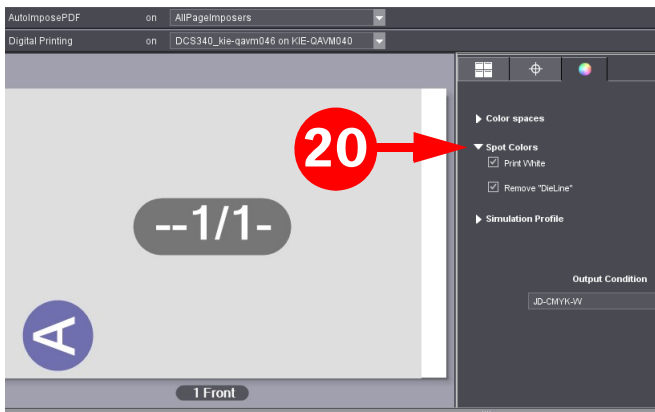


As we assume that the supplied PDF was already matched to the working color space ready for the press, we recommend the following settings:

6. Open "Color spaces" and disable "CMYK Color Management" (19).

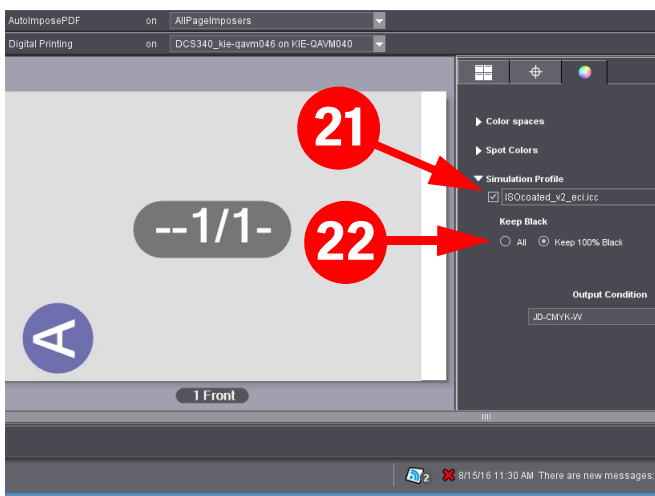
Notes: This also puts the settings for preserving color and for generating black for CMYK out of operation. The settings for preserving black are done in "Simulation Profile" (see below).

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7. In "Spot Colors" (20), enable "Print White" if you are printing with white and enable "Remove DieLine".

i **Notes:** If white is to be printed, you must also create and select an output condition with white.



8. In "Simulation Profile", enable the profile and, if required, set a different profile (21).

For the simulation profile, you should always set the same working color space that is also set in the PDF applications or ArtPro (default profile is "ISOCoated").

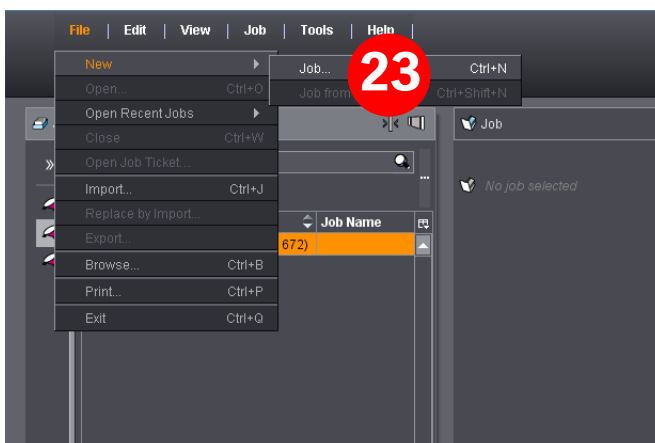
Spectral color management is enabled with a valid simulation profile. Spectral color management makes it possible to have an optimized calculation for overprinting spot colors.

9. Set the most frequently used process for Keep Black as the default (22).

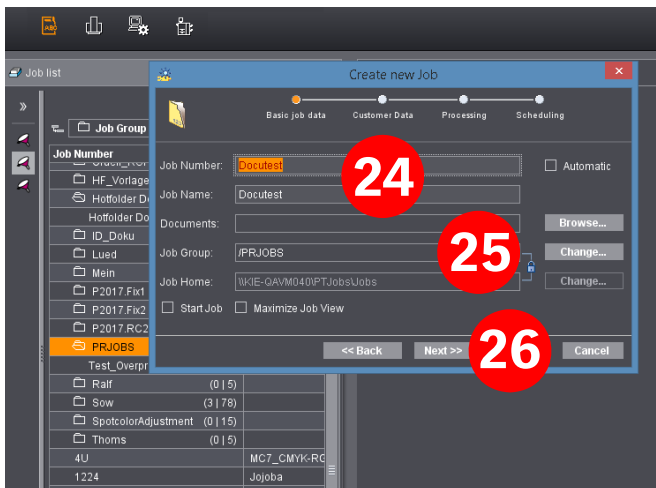
i **Notes:** You should enable "Keep 100% Black" if there are barcodes or black font in the print jobs.

10. Save the PagePrint sequence.

Create a job as a template for the hotfolder



1. In "Jobs", create a new job in the job list (23).

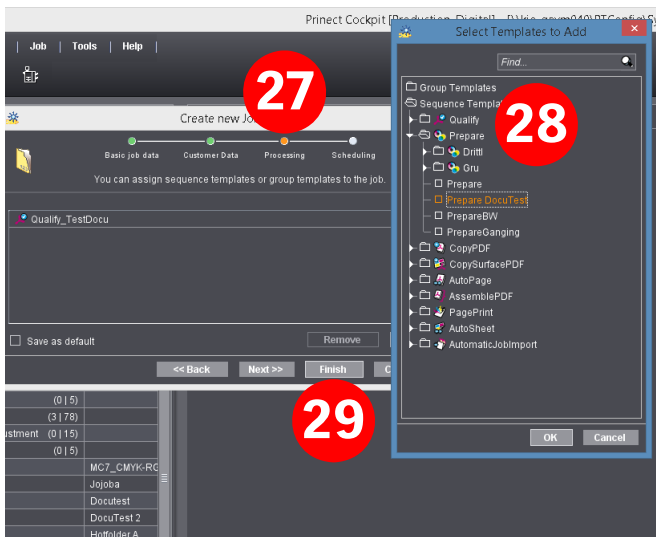


2. Enter the hotfolder name you want as the job number and copy it to the "Job Name" box by hitting the Tab key (24).

Recommendation: When giving the hotfolder a name, be guided by the selected hotfolder variant. In the case of a hotfolder with a PagePrint sequence, the name should have a reference to the selected printing material/substrate.

3. Change the job group if needed (25).

Recommendation: Create hotfolder jobs in a separate group.



4. Go to "Processing" (27) by clicking "Next" (26) and add the prepared Qualify sequence (28).

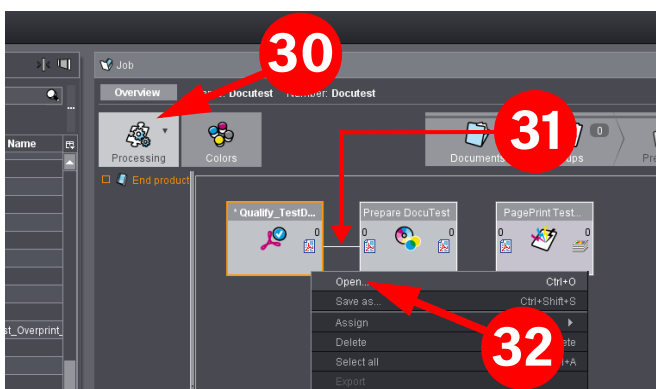
5. You can also add the prepared Prepare sequence, if wanted.

6. Add one of the prepared PagePrint sequences.

i Note: When you are working with just one hotfolder, the PagePrint sequence you want is added only in the actual print job itself.

7. Close the job template with "Finish" (29).

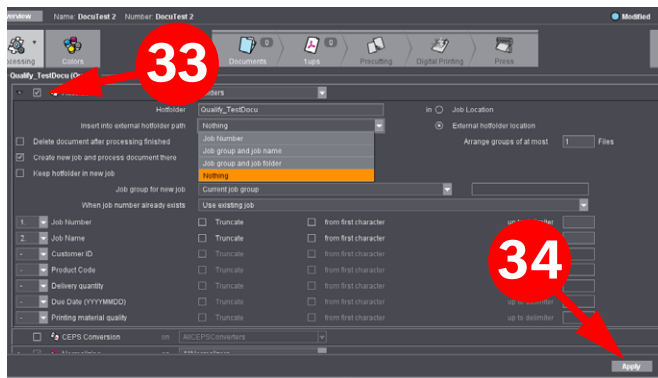
i Note: Do not add any documents because this is a template for the real print jobs.



8. In "Processing" (30), link "Qualify" and "Prepare" (31) to automate the workflow.

9. Open the Qualify sequence (32).

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10. Mark and open "Hotfolder" (33).

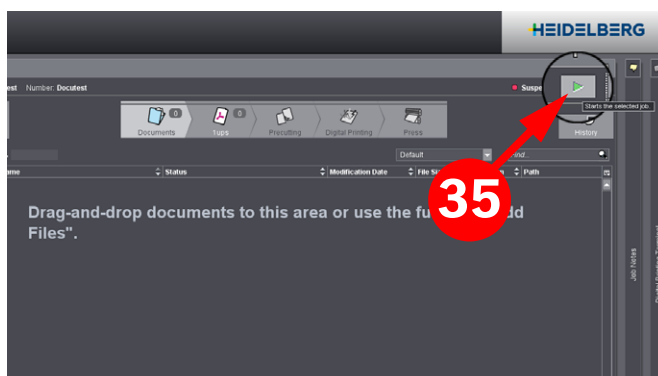
11. Define the settings you want for the hotfolder and for processing the files and save the Qualify sequence with "Apply" (34).

i Note: This does not change the Qualify sequence in "Administration > Templates" but only the settings of the sequence within this job template that is currently open.

Recommendations for the hotfolder settings (leave all other default settings as they are):

"Hotfolder"	if needed, enter a custom name instead of the template name Recommendation: The name should have a reference to the selected printing material/substrate if a PagePrint sequence was added.
"External hotfolder location"	enable (create an external hotfolder folder in "Administration > System" beforehand!)
"Insert into external hotfolder path"	This is where you can enter a subfolder and set up a structure. Default: "Nothing"
"Create new job and process document there"	enable
"When job number already exists"	"Create and use job with a new job number"
"Keep hotfolder in new job"	disable

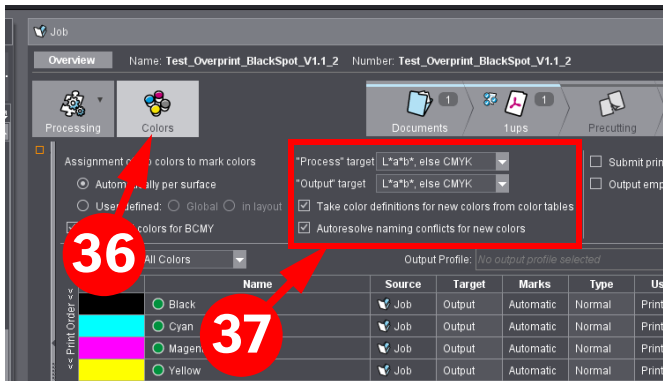
i Notes: The settings are applicable only after the sequence is saved. Changes to a Qualify hotfolder sequence are possible only if the hotfolder job was stopped beforehand. You can find details about the settings in the Online Help of the Prinect Cockpit and in the Digital Print Manager documentation.



12. Save and close the Qualify sequence.

13. Start the new job (35).

Check color settings



1. Go to "Colors" (36) in the job.

2. Set the following data (37):

- "Process" target: L*a*b*, else CMYK

- "Output" target: L*a*b*, else CMYK

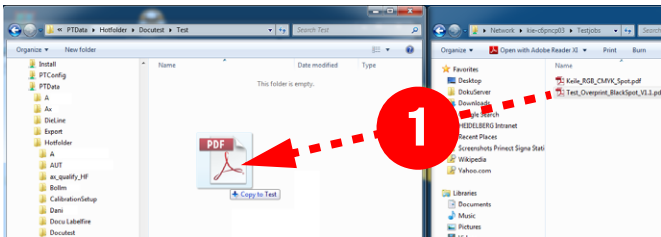
- "Take color definitions for new colors from color tables": enabled

- "Autoresolve naming conflicts for new colors": enabled

3. Save and close the job.

Printing with a Hotfolder

Create a new print job

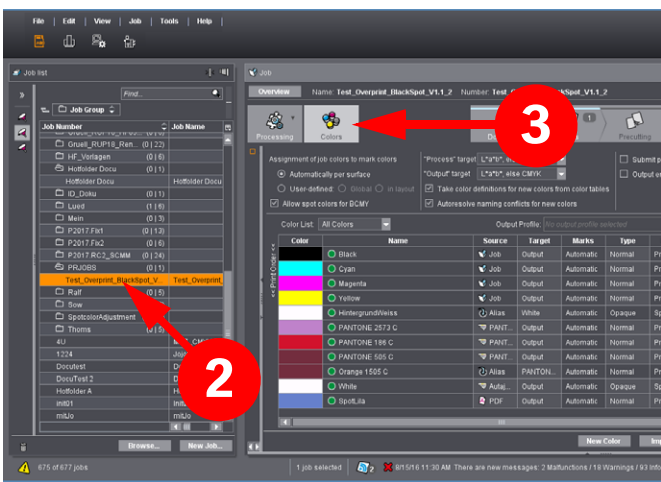


1. File the PDF file to be printed to the hotfolder.

In the Prinect Cockpit, a new job is created automatically in the folder set in the Qualify sequence.

The file is processed automatically, runs through the Qualify sequence and is removed from the hotfolder.

Check colors

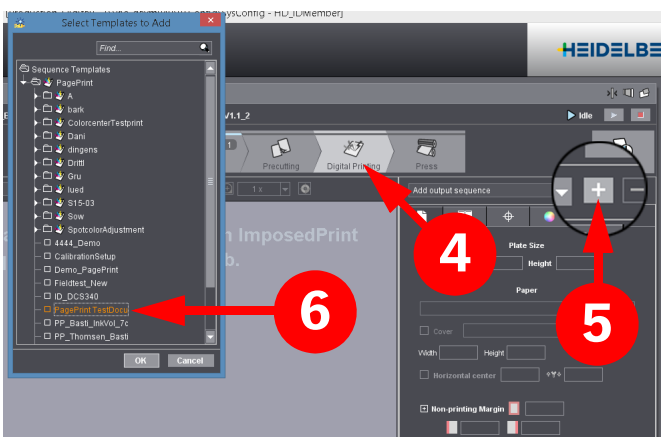


2. Select the job (2) and go to the list of colors (3).

3. Check the list of colors in the print job:

- Are all spot colors present?
- Were all the spot colors found in the color tables?
- Do all the spot colors have Lab recipes?
- Is white set to "Special, printing unit" as the usage and "Opaque" as the type?
- Is "Opaque & Ignore" or "Opaque" set for varnish and "Special, printing unit" as the usage?
- Is the order of the colors correct?

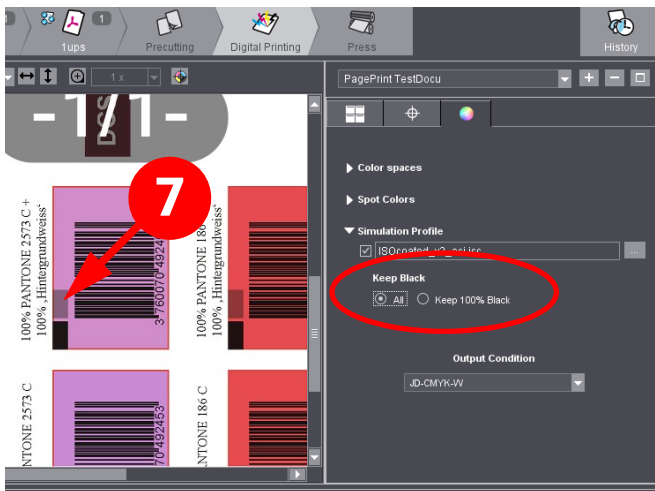
Add the PagePrint sequence (only if working with one hotfolder)



4. Go to the "Digital Printing" workflow step (4).

5. Click the plus button (5) and add the PagePrint sequence needed for this job (6).

Customize the PagePrint sequence if required.

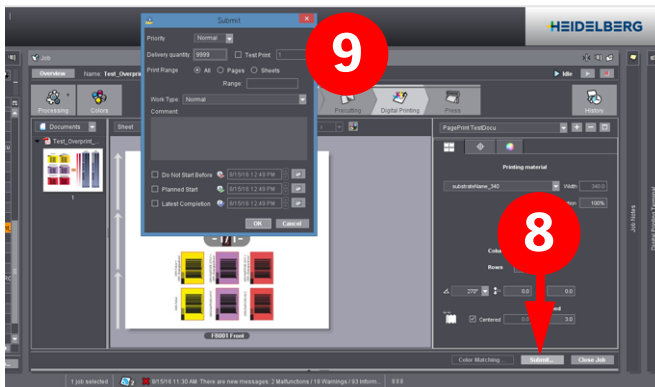


6. If necessary, customize settings to this job individually.

Naturally, you can customize the settings of the PagePrint sequence for a specific job. For example, you may want different processing for "Keep Black":

Example: In addition to "Keep 100% Black" set in the sequence template for the reproduction of barcode and font, the gray box (7) should be printed using black defined in the PDF. For that reason, the setting was changed to "All" to allow the box set with 50% black to be also printed accordingly.

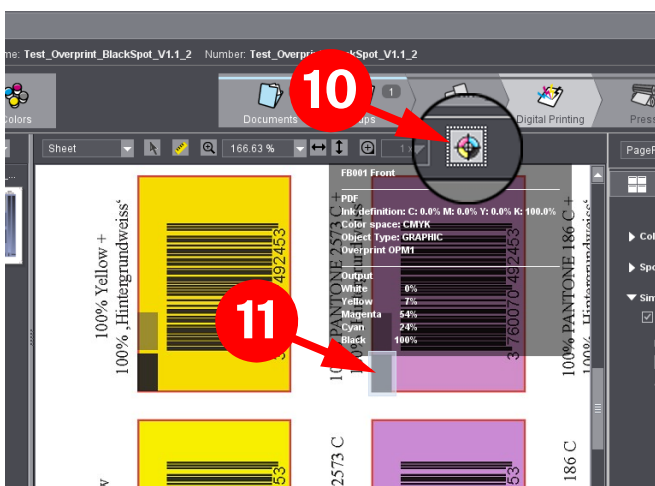
Submit the print job



7. If you are satisfied with the print job, you only have to click "Submit" (8) and set the data for the delivery quantity (9).

The print job is now sent to the Labelfire for output and waits to be printed.

Info tool ("Color Picker")



To check color reproduction, you can use the "Color Picker" (10): When the tool is selected, you can click an area and view the color defined in the PDF compared to the color to be printed. If an object has several layers, you can go one layer below each time by clicking the area again.

Example: Click the black box (11). You first view the values for black. With the next click, you view the values for the spot color and with the third click the values for background white that will be printed.

Question and Answers

<p>What do I have to remember with a new print job?</p>	<p>Is the substrate already qualified? Can a new substrate be assigned to an existing substrate group?</p> <ul style="list-style-type: none"> • YES: The job is output on the known substrate = use the existing PagePrint sequence • NO: The substrate must be qualified (with the Prinect Color Center); after that create a new PagePrint sequence • Printing: Send the job to Prinect to the relevant hotfolder (see "Printing with a Hotfolder", page 12)
<p>I want to reprint a job that was already printed.</p>	<p>Is the job still in the Labelfire memory (HMI)?</p> <ul style="list-style-type: none"> • YES: The job is invoked again from the HMI UI of the Labelfire • NO: If the job is still in the Prinect job list: Open the job and submit it to printing; otherwise send the job to Prinect to the relevant hotfolder
<p>I am not happy with the quality of the printed spot colors</p>	<p>Is a measurable artwork available?</p> <ul style="list-style-type: none"> • YES: Start the "Color measuring" dialog in the job color table, copy the measured color with a suitable color name to the customer-specific color table. • NO: Print variations and customize data through the "Spot Color Matching" dialog
<p>I want to print with digital white - what settings are necessary?</p>	<ul style="list-style-type: none"> • The output condition suitable for printing with white created and selected in the print job ("Digital Printing > Color settings > Output Condition") • "Color settings > Spot Colors > Print White" is enabled • Is white set to "Special, printing unit" as the usage and "Opaque" as the type in the list of colors?
<p>What do I have to remember for a multicolor output?</p>	<p>A suitable output condition created for Multicolor must be selected. Recommendation: When naming the output conditions, make sure that the colors can be easily identified. For example, AB1_CMYK, AB2_CMYKOGV_W.</p>

The output condition I want does not appear in the list box.

Select a different printing material?

If we use "FOGRA37 as the "Simulation Profile", what happens then with the spot colors? Are they confined to FOGRA37 or to the available color space of the press?

The spot colors are not affected by the simulation profile if the color recipe is Lab. If the color recipe is CMYK, the simulation profile, in this case "FOGRA37", is viewed as the source profile. In other words, the influence is marginal in this case as well.

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Version 2017

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