

InkZonePerfect InkZoneLoop User Guide

Find more information about the product on our website:
<http://www.digiinfo.com>

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| | |
|--------------|---|
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| Target group | Operator |
| Product | InkZone |
| Version | for v8 and higher |
| Date | August 2024 |
| Article code | IZ029-EN |

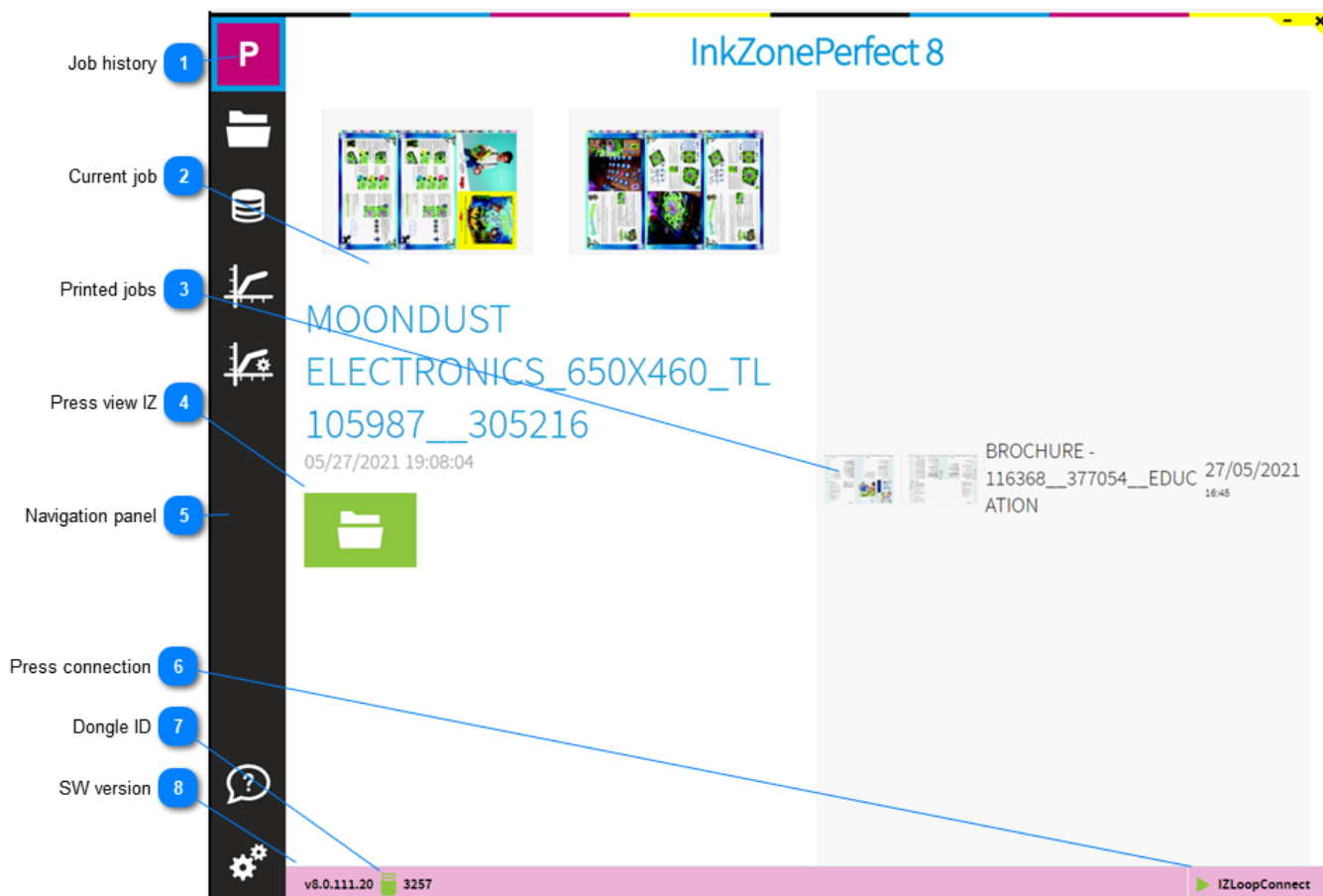
Table of Contents

| | |
|---|----|
| InkZonePerfect User Guide | 1 |
| 1. Online Manual..... | 5 |
| 1.1. Home | 5 |
| 1.2. Job list..... | 7 |
| 1.2.1. Select signature..... | 10 |
| 1.2.2. Job filter | 12 |
| 1.2.3. Date filter | 13 |
| 1.2.4. Customized job search..... | 15 |
| 1.3. Press preparation | 17 |
| 1.3.1. Reprint job | 20 |
| 1.3.2. Perfecting job..... | 21 |
| 1.4. Press view..... | 23 |
| 1.4.1. Ink-preset | 23 |
| 1.4.2. Color-Control overview | 25 |
| 1.4.2.1. Ink-key absolute view..... | 28 |
| 1.4.2.2. Density relative view | 29 |
| 1.4.2.3. Density absolute view | 30 |
| 1.4.2.4. Density target view | 31 |
| 1.4.2.5. DeltaE view..... | 32 |
| 1.5. Calibration curve | 33 |
| 1.5.1. Import targetset..... | 38 |
| 1.6. Linearization | 39 |
| 1.6.1. Preview..... | 41 |
| 1.6.1.1. Filter | 43 |
| 1.6.2. Edit | 46 |
| 1.6.3. Adjustment..... | 49 |
| 1.6.4. Auto-Linearization | 50 |
| 1.7. Software setup | 53 |
| 1.7.1. Press..... | 53 |
| 1.7.1.1. Advanced features..... | 55 |
| 1.7.1.2. Side ink-key management | 57 |
| 1.7.1.3. Ink-key profile smoothing | 59 |
| 1.7.1.4. Perfecting press..... | 60 |
| 1.7.2. Press connection..... | 62 |
| 1.7.3. System..... | 63 |
| 1.7.3.1. User management..... | 64 |
| 1.7.3.2. Job management..... | 66 |
| 1.7.3.3. System backup..... | 67 |
| 1.7.3.4. XML Connector - Prepress connection..... | 69 |
| 1.7.3.4.1. Configuration | 70 |
| 1.7.4. InkZoneLoop settings | 72 |
| 1.7.4.1. Density tolerance | 73 |
| 1.7.4.2. MakeReady regulation | 75 |
| 1.7.4.3. Print regulation | 77 |
| 1.7.4.4. Advanced settings | 79 |
| 1.8. License | 81 |
| 1.8.1. License loader..... | 83 |
| 2. FAQ section | 85 |

| | |
|---|----|
| Load license | 86 |
| Installation steps "ink-preset" only | 86 |
| Installation steps "ink-preset and color-control" | 87 |
| Multiple IZ installs - share job database | 88 |
| JDF export - database settings | 93 |

1. Online Manual

1.1. Home



1

Job history

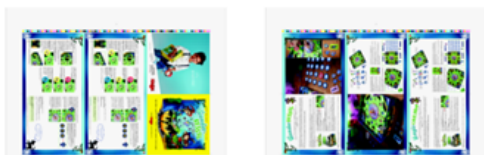


After program start, InkZone welcomes the user on this page. It shows the last transferred job to press and the previously printed jobs.

Simply click on the InkZone icon to return to this page

2

Current job

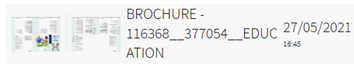


MOONDUST
ELECTRONICS_650X460_TL
105987__305216

05/27/2021 19:08:04

The large preview indicates the current job. It's the last job transferred to press.

3

Printed jobs

A job list with previously printed jobs, showing a job preview, job name and the date.

4

Press view IZ

Select the icon to change to the press data view.

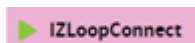
Go to press view: [1.4. Press view](#)

5

Navigation panel

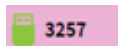
From the panel change to the calibration curve manager, the software setup, job list view and press view.

6

Press connection

The icon shows the enabled InkZone press connection module. The driver communicates to the InkZone hardware module which is connected to the press console. Certain press connection require a second press connection module when color-control is enabled.

7

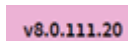
Dongle ID

The InkZone dongle ID.

Go to license information: [1.8. License](#)

Go to license loader: [1.8.1. License loader](#)

8

SW version

Software version

1.2. Job list

The screenshot shows the 'Select jobs' interface in InkZone. On the left, a sidebar contains icons for various functions, each with a numbered callout: 1 (Search), 2 (Customized search), 3 (Manage search), 4 (Job list), 5 (Filter on status), 6 (Filter on date), 7 (Job information), 8 (Select), 9 (Transfer), 10 (Selected job), and 11 (Remove). The main area displays a table of jobs with columns for Status, Preview front, Preview back, Job name, Date, Colors, Status, and Actions. Two jobs are listed: '14934_DIL_FLYER_IN_1 0_SORTEN' and '8FILES 4UP'. Callout 12 points to a 'Go to Press preparation' button in the top right corner. At the bottom, a status bar shows 'v8.0.117.2 3257' and 'IZLoopConnect'.

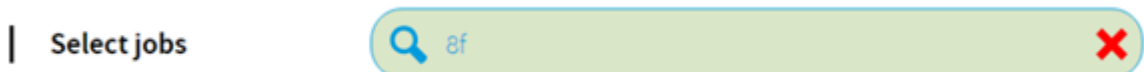
1

Search



Start searching for jobs from here. Type a part of the job name and hit enter to view the search result. The background of the search term changes to green when a search is active. Reset the search with the red X button.

Active search:



2

Customized search



User customized search buttons to configure repeating search patterns. Go to customized search: [1.2.4. Customized job search](#)

3

Manage search



Create a customized search based on name, date and status and connect them with AND and OR.

Go to customized search: [1.2.4. Customized job search](#)

4

Job list

View the job list.

5

Filter on status

Status



Filter the job list by job status.

See job filter: [1.2.2. Job filter](#)

6

Filter on date

Date



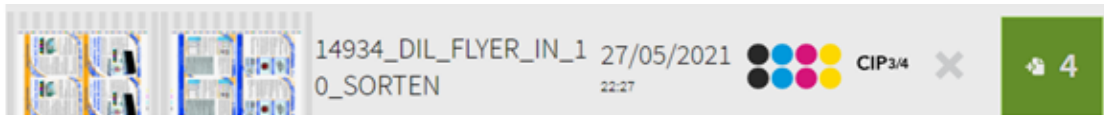
Filter the job list by date.

See filter by date: [1.2.3. Date filter](#)

7

Job information

| Preview F | Preview B | Job name | Date | Colors | Status | Delete | Add to preparation |
|-----------|-----------|----------|------|--------|--------|--------|--------------------|
|-----------|-----------|----------|------|--------|--------|--------|--------------------|



Preview F: preview F side

Preview B: preview B side

Job name: job name from prepress, based on the CIP3 or JDF

Date: creation time and date

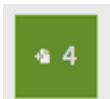
Colors: separation colors for the F and B side

Status: See job status: [1.2.2. Job filter](#)

Delete: remove job

Add to preparation: add to job preparation, shows the number of signatures when there are more than one

8

Select

Select the job from here and transfer it to the press-preparation area. The icon shows also the number of signatures. See select signature: [1.2.1. Select signature](#)

9

Transfer

Transfer selected job to press-preparation.
See [1.3. Press preparation](#)

10

Selected job

Selected job/s ready to be transferred to press preparation screen.

11

Remove

Remove selected job

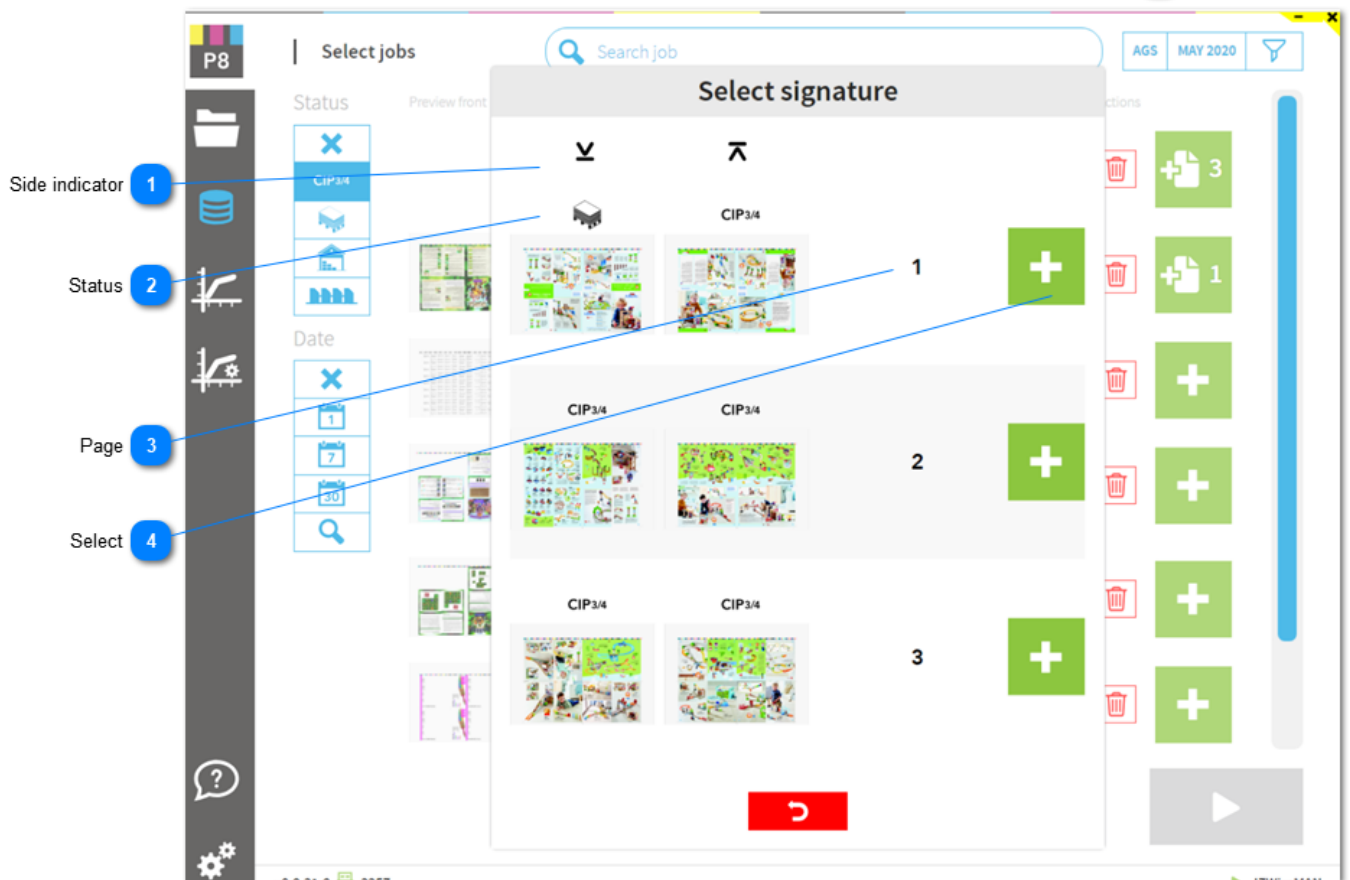
12

Go to Press preparation

Go to Press preparation: [1.3. Press preparation](#)

1.2.1. Select signature

5 Return to Job list



1

Side indicator



Indicator for A side (arrow down) and B side (arrow up).

2

Status

Status PrintedStatus Ready to print

3

Page

1

Signature number

4

Select



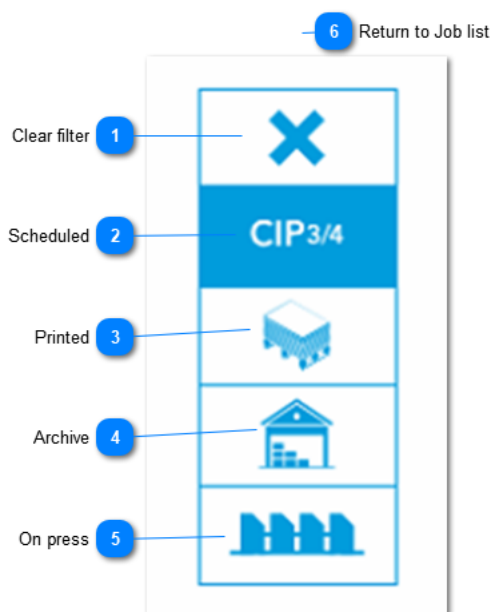
Select signature for the press-preparation area



Return to Job list

[1.2. Job list](#)

1.2.2. Job filter



1

Clear filter

Clear any filter selection and show all jobs.

2

Scheduled

Lists jobs ready to be print, prepared in CTP (jobs are not printed yet).

3

Printed

Lists all jobs printed but not archived.

4

Archive

Lists all archived jobs.

5

On press

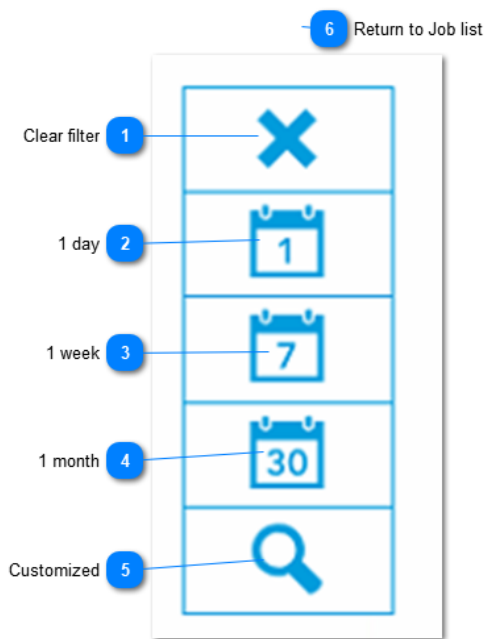
Job on the press.

6

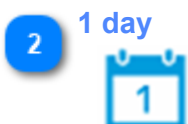
Return to Job list

[1.2. Job list](#)

1.2.3. Date filter



Clear filter. All jobs are shown in job list.



Create a job list with jobs from today.



Create a job list with jobs not older than 1 week.



Create a job list with jobs not older than 1 month.



Create a customized time frame with a start and end date:

TL A 105662 ARTNR

Set start and end date

May 2020

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

May 2020

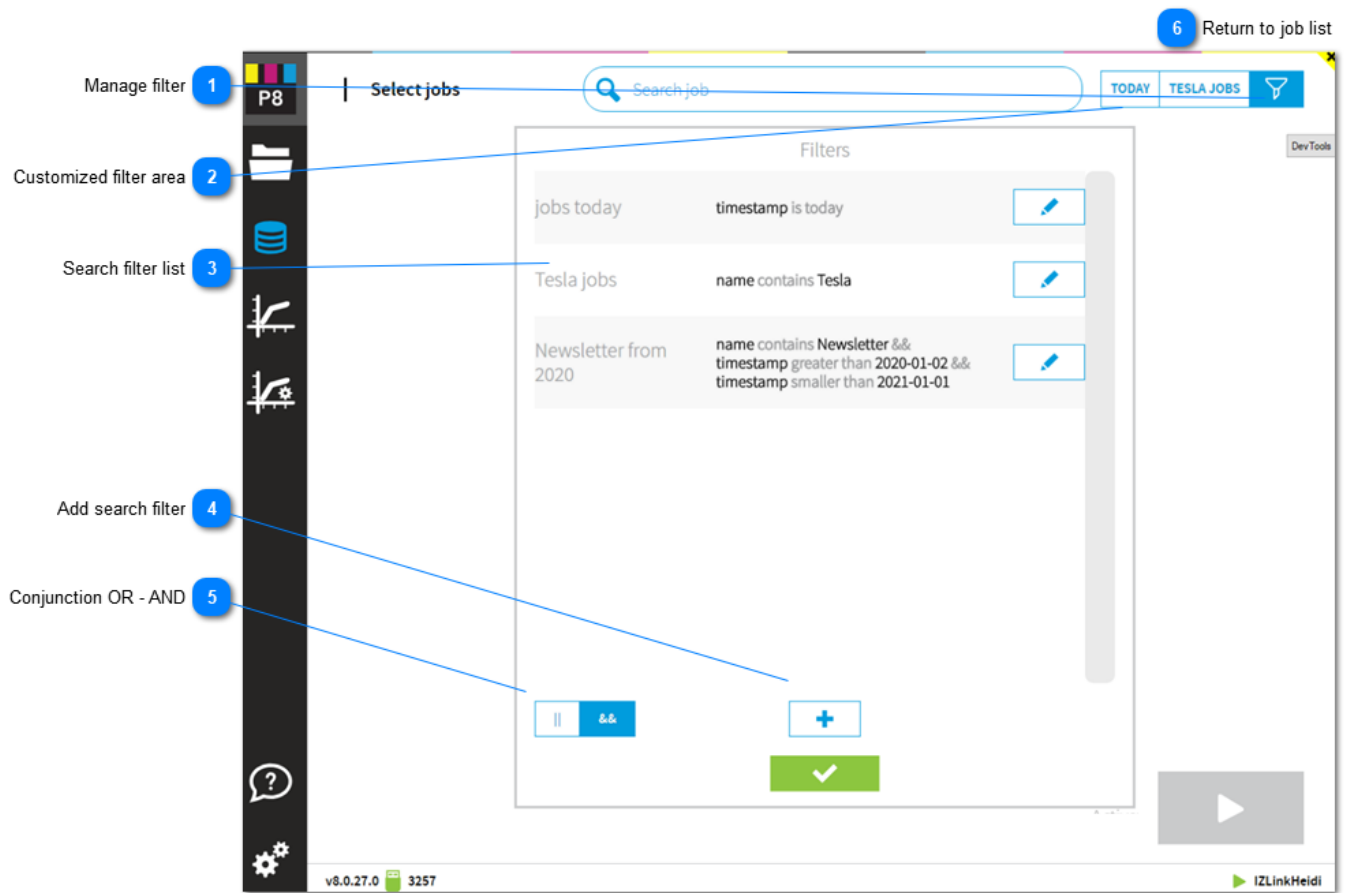
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

4C_MALERBEDARF_BB_4 05/26/20 CIP34

6

[Return to Job list](#)[1.2. Job list](#)

1.2.4. Customized job search



1 Manage filter



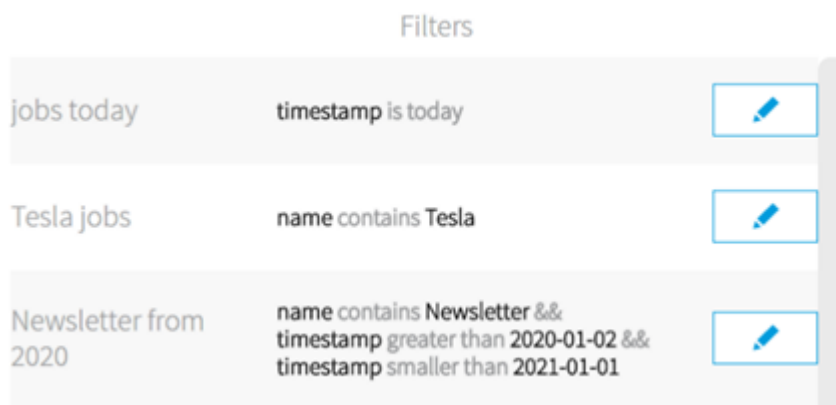
Manage the customized filter from here.

2 Customized filter area



Horizontal list with buttons for customized search.

3 Search filter list



List with all customized filters.

4

Add search filter



Create a customized search based on job status, job name, date and number of forms

| Condition | Job status | is | scheduled | |
|-----------|-----------------|--------------|-------------|--|
| + | Name | contains | | |
| + | Date created | greater than | 26 May 2020 | |
| + | Number of forms | greater than | 2 | |

Name

↶✓

5

Conjunction OR - AND



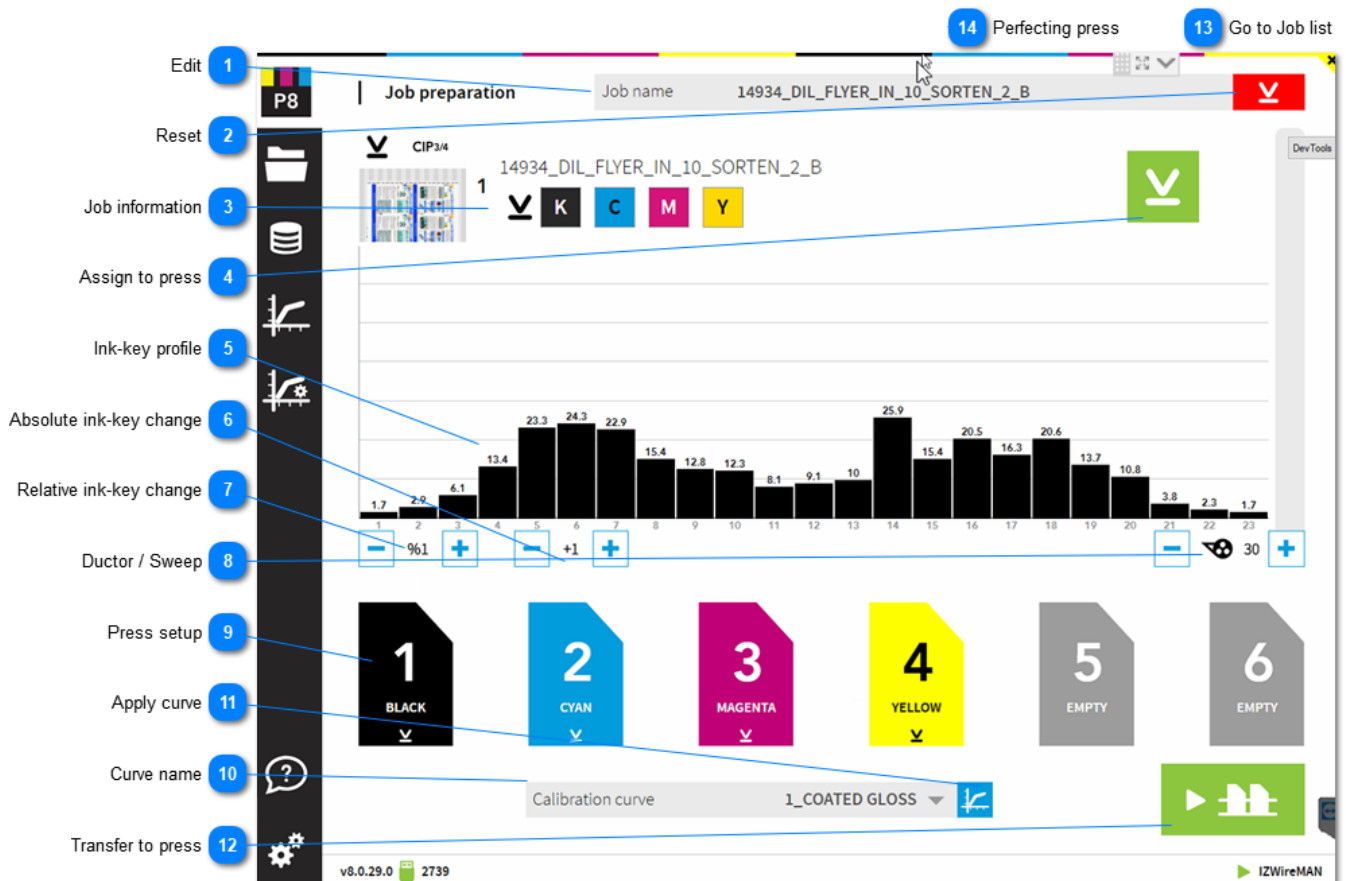
Create a search filter with AND, OR conjunctions

6

Return to job list

[1.2. Job list](#)

1.3. Press preparation



1 Edit

Job name 14934_DIL_FLYER_IN_10_SORTEN_2_B

Job name. Can be modified here.

2 Reset



Clear the current color to press unit assignment

3 Job information



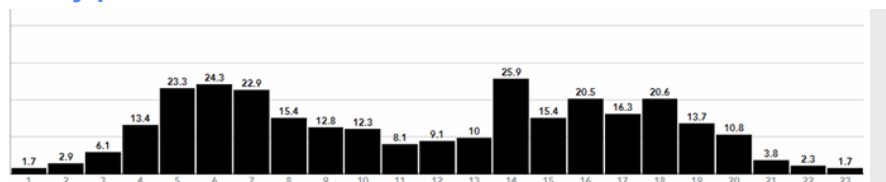
Job information. Drag and drop from here a color to the press unit. C M Y K colors are automatically assigned to the unit defined in the press setup. A spot color is typically assigned by selecting drag and drop.

4 Assign to press



Assigns C M Y K, the process colors, to the press units. The standard color to unit assignment from the InkZone press setup is used.

5 Ink-key profile



Preview of the ink-key profile and the raw plate coverage.

6 Absolute ink-key change



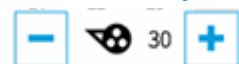
Increase and decrease ink-key values absolute.

7 Relative ink-key change



Increase and decrease ink-key position relative.

8 Ductor / Sweep



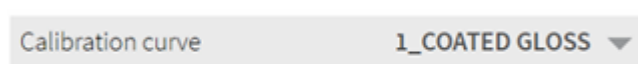
Increase and decrease ductor / sweep in absolute mode

9 Press setup



Selected ink assignment.

10 Curve name



Active paper calibration curve, used for the ink-preset.

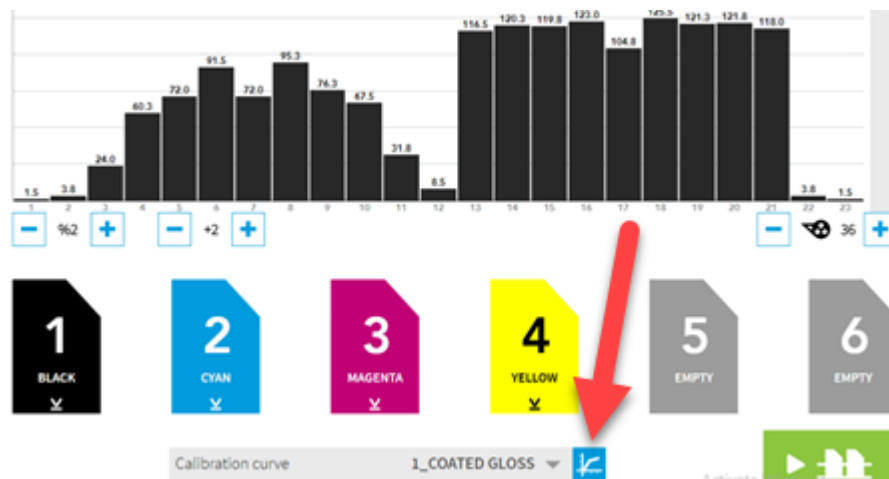
11 Apply curve



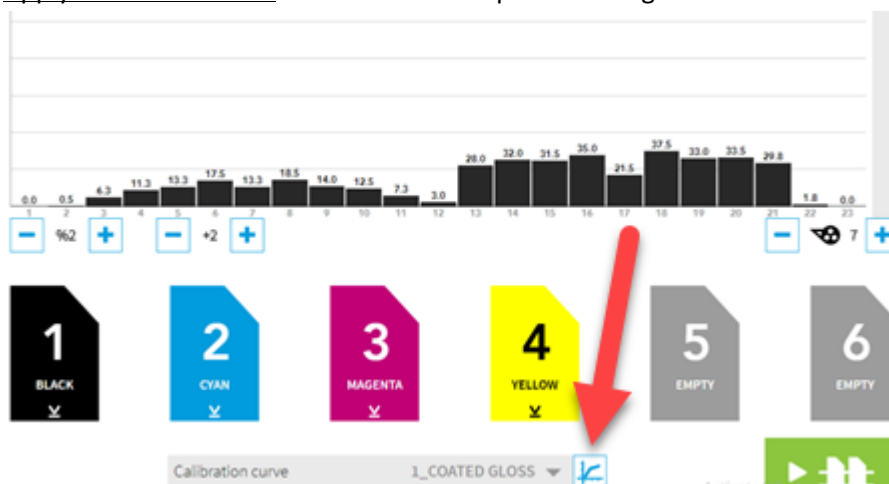
By default, the button is in mode apply calibration curve to ink-coverage. The ink-key profile shown above is the data to be transferred to press.

Toggle with the button between plate coverage and ink-key profile data.

Apply curve active: shows ink-key profile for press



Apply calibration curve not active: shows plate coverage



12 Transfer to press



Transfer job to the press console.

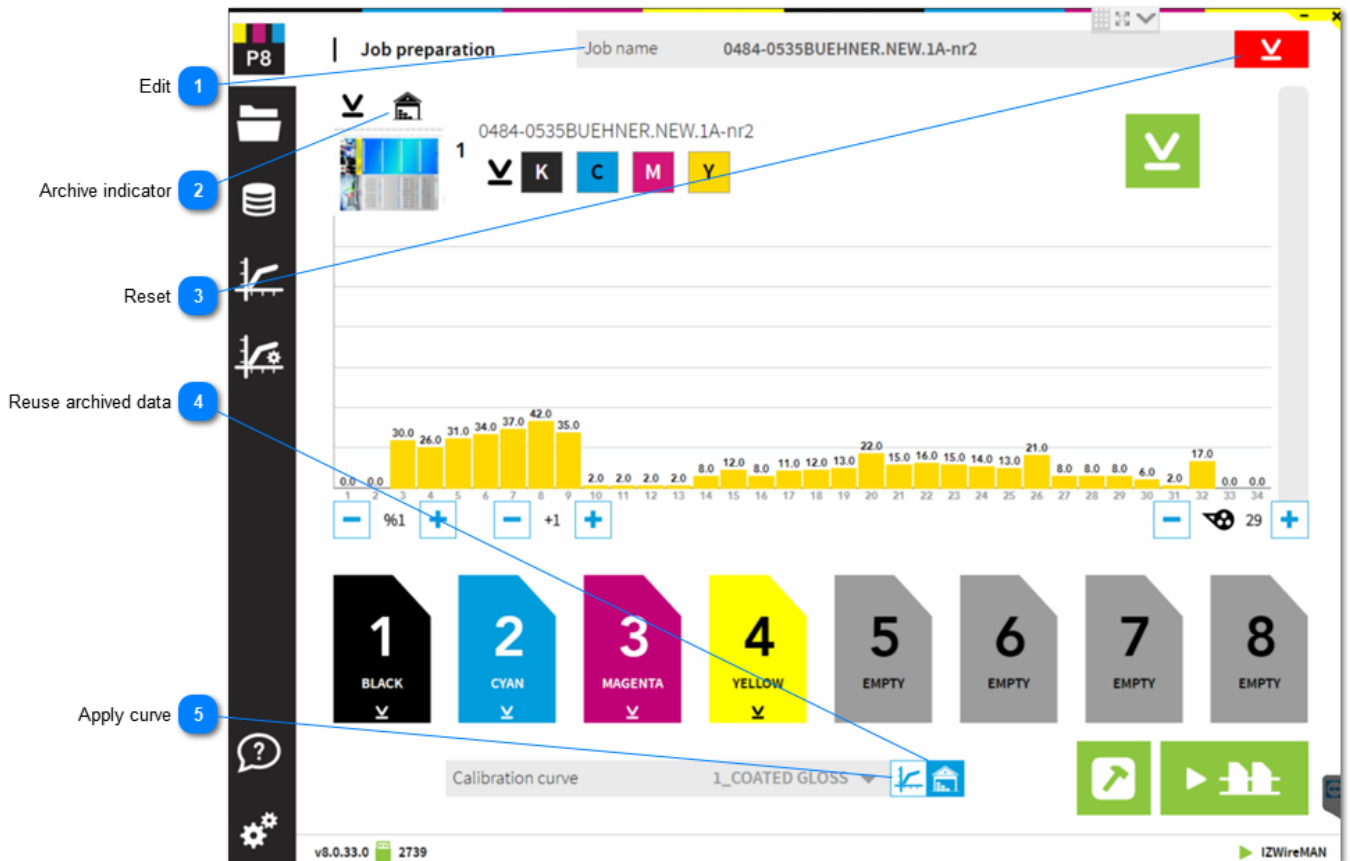
13 Go to Job list

[1.2. Job list](#)

14 Perfecting press

See the job setup for a perfecting press here: [1.3.2. Perfecting job](#)

1.3.1. Reprint job



1 Edit

Job name 0484-0535BUEHNER.NEW.1A-nr2

Job name from archive. If required, change job name here.

2 Archive indicator



Job is archived indicator. Job is printed and received final ink-key position from press console.

3 Reset



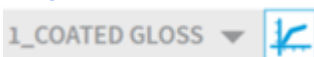
Reset the color to unit assignment

4 Reuse archived data



Use the ink-key profile from the archived job.

5 Apply curve



Instead of using the ink-key profile from the archive, apply a calibration curve to the plate coverage data.

1.3.2. Perfecting job

Job preparation Job name 14934_DIL_FLYER_IN_10_SORTEN

Front - Back side job 1

Reset print units 2

Apply before perfecter 3

Apply after perfecter 4

Reverse perfecting 5

Go to Press Preparation 6

Job information: 14934_DIL_FLYER_IN_10_SORTEN

Color bars: 1 F K C M Y, B K C M Y

Reverse perfecting: ☐ Reverse perfecting

Calibration curve: 1_COATED GLOSS

Version: v8.0.111.20 3257

IZLoopConnect

1

Front - Back side job



Job information

2

Reset print units

Reset job assignment for units before and/or after perfecter

3

Apply before perfecter



Apply F side before perfecter.

Note: when the option reverse perfecting is enabled, the F side is applied to the units after perfecter.

4


Apply after perfector

Apply B side after perfector.

Note: when the option reverse perfecting is enabled, the B side is applied to the units before perfector.

5

Reverse perfecting

Reverse perfecting 

Enable reverse perfecting to apply the job's F side to the units after perfector.

6

Go to Press Preparation

[1.3. Press preparation](#)

1.4. Press view

1.4.1. Ink-preset



1 Page number

1

The page number of a job with multiple signatures.

2 Job name

70ER 4C MARKETING 02

Job name

3 Select ink-key view



Select the the data view:

CIP3/4

Plate coverage



Ink-key profile sent to press.



Ink-key data received from press. The press data is displayed after the console stores the job data to InkZone.



Ink-key data of the archived job. The data is visible after the console stores job data to InkZone and the archive button is pressed.

4

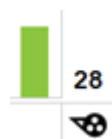
Ink-keys



Ink-key profile

5

Ductor / Sweep



Ductor / Sweep value

6

Save job



Store the current job data to the archive and / or to the calibration curve linearization list.
Note: the job data can be stored when ink-key data received previously from press console.



Archive job data.



Store data to for linearization and optimization of the calibration curve.

7

Synchronize



Synchronize ink-keys and ductor with press. InkZone receives press setting.

8

Calibration curve

1_COATED GLOSS

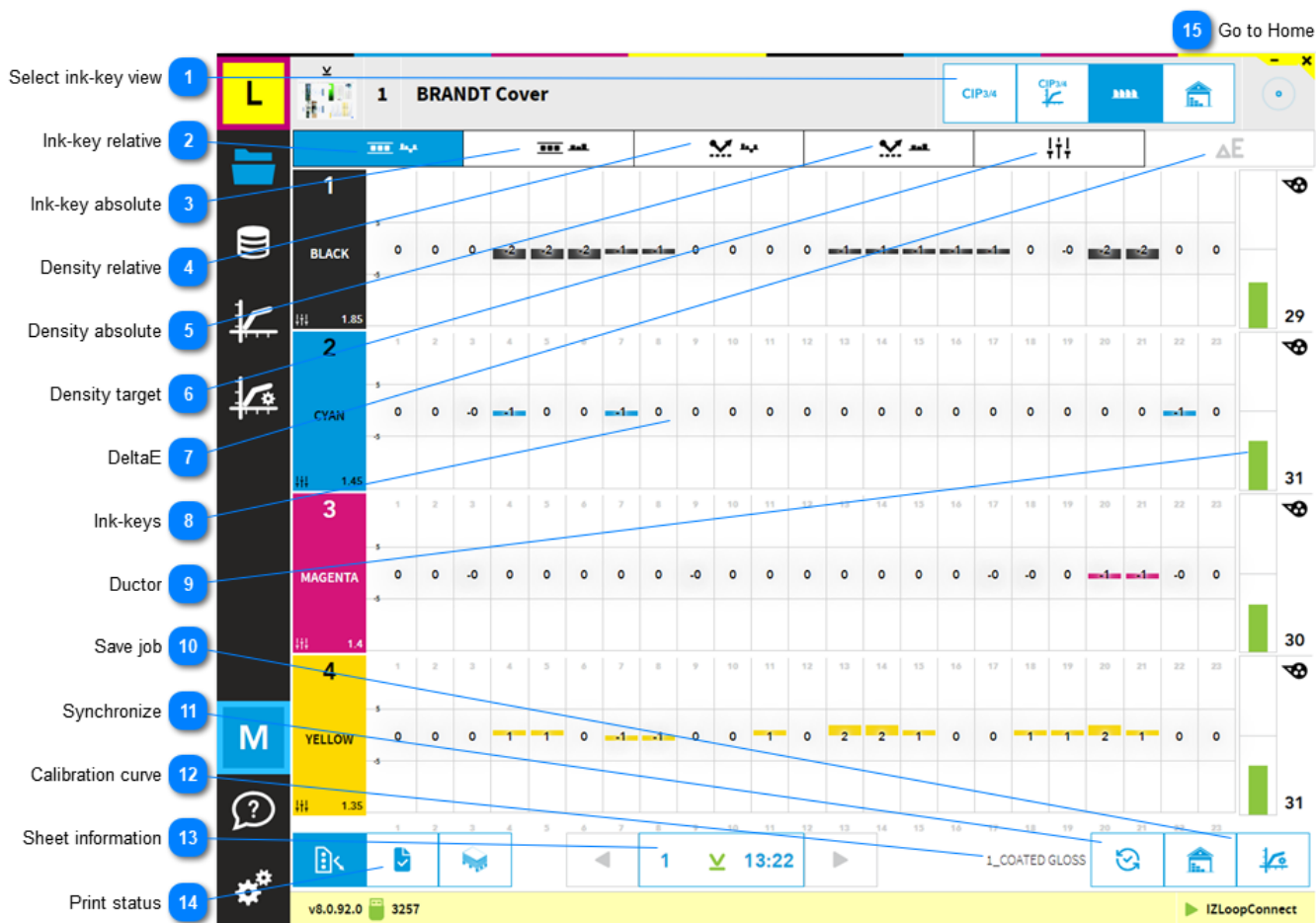
The calibration curve name used for the press ink-preset.

9

Go to Home

[1.1. Home](#)

1.4.2. Color-Control overview



1

Select ink-key view



Select the data view.

CIP3/4

Plate coverage



Ink-key profile sent to press.



Ink-key data received from press. The press data is displayed after the console stores the job data to InkZone.



Ink-key data of the archived job. The data is visible after the console stores job data to InkZone and the archive button is pressed.

2 Ink-key relative



Ink-key correction in relative view is displayed after receiving scan data (default view).

3 Ink-key absolute



Ink-key correction in absolute view is displayed after receiving scan data.

See here: [1.4.2.1. Ink-key absolute view](#)

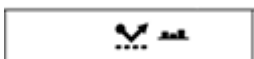
4 Density relative



Measured density data in in relative mode

See here: [1.4.2.2. Density relative view](#)

5 Density absolute



Measured density data in absolute mode

See here: [1.4.2.3. Density absolute view](#)

6 Density target



The target density set by the measurement software.

See here: [1.4.2.4. Density target view](#)

7 DeltaE



DeltaE view.

See here: [1.4.2.5. DeltaE view](#)

8 Ink-keys



Ink-keys displayed in relative view. The ink-key corrections data is calculated by the InkZone color-control engine.

9 Ductor



Ductor / sweep value

10 Save job

Store job data to the archive or to the linearization job list.

The job data can only be stored when ink-key data was stored from press to InkZone.



Archive job data.



Store data to for linearization and optimization of the calibration curve.

11 Synchronize

Synchronize ink-key and ductor with press

12 Calibration curve

1_COATED GLOSS

The name of the calibration curve used for ink presetting the press.

13 Sheet information

Scan measurement number with scan side indicator and time.

14 Print status

Print status.



MakeReady mode



OK-sheet is set.

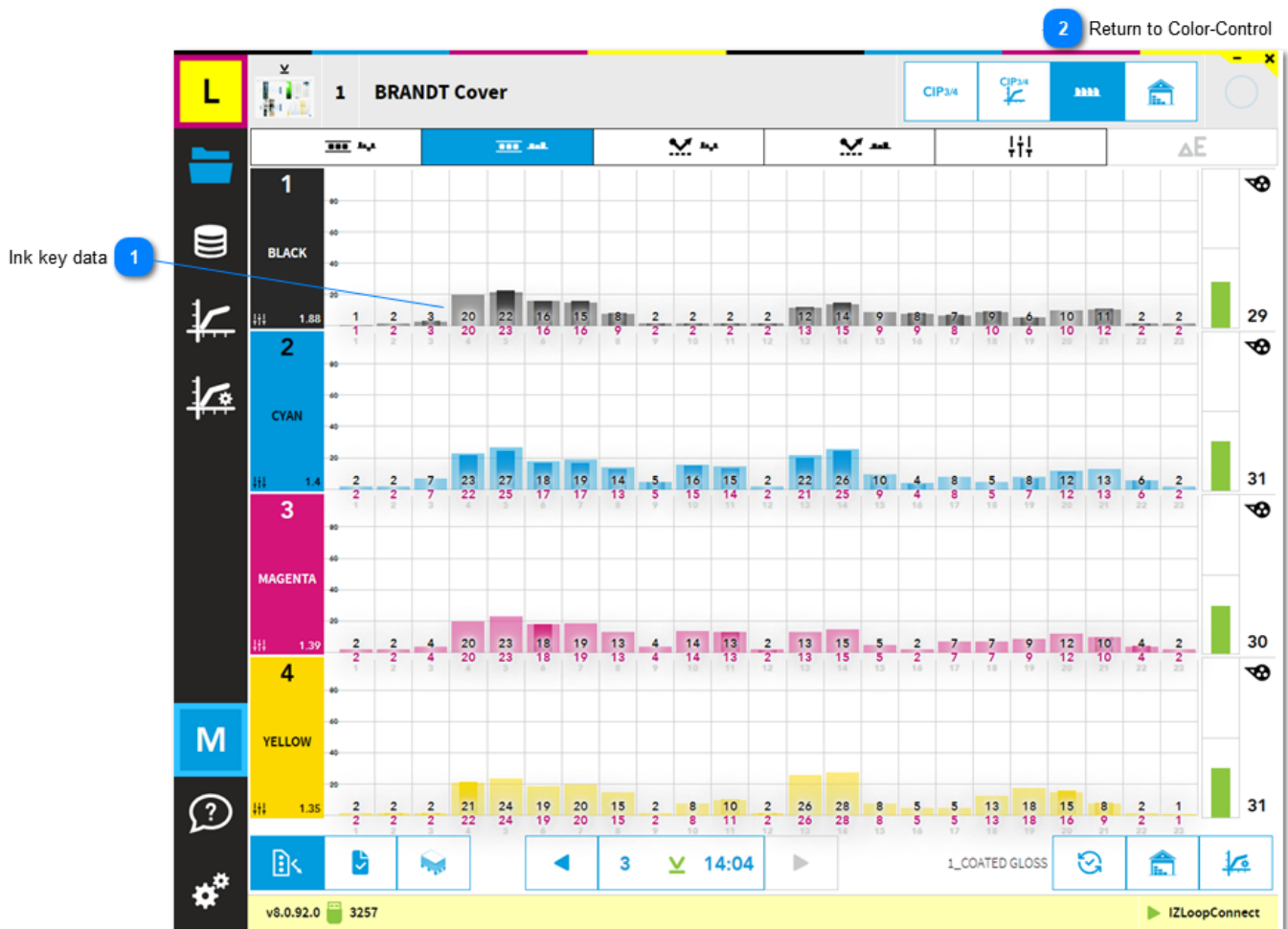


Production mode

15 Go to Home

[1.1. Home](#)

1.4.2.1. Ink-key absolute view



1

Ink key data



The ink-key correction is the red number and displayed by the inner, darker column.

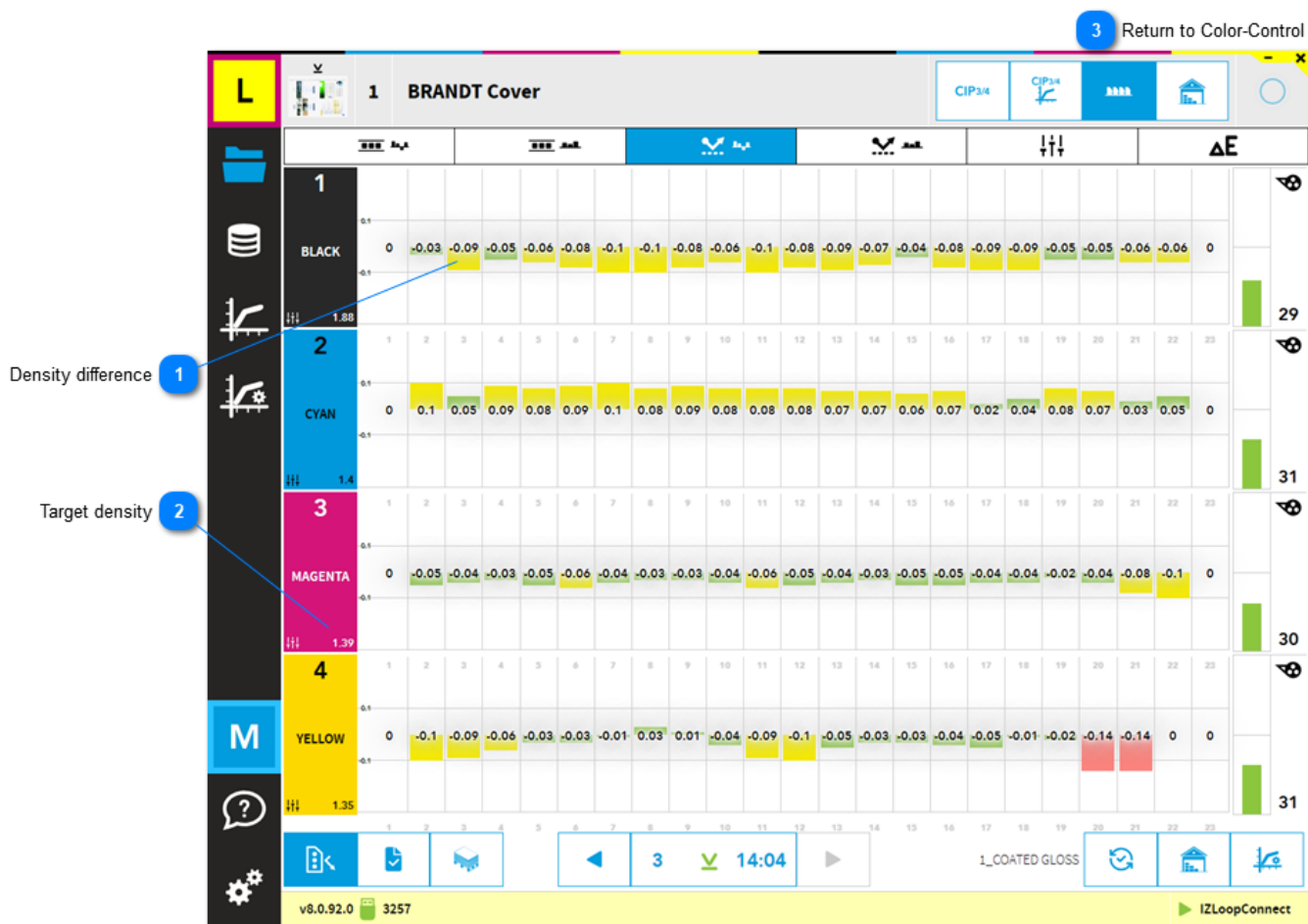
The ink-keys received from the press console are shown by the black number, displayed by the light colored column.

2

Return to Color-Control

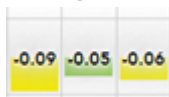
[1.4.2. Color-Control overview](#)

1.4.2.2. Density relative view



1

Density difference



The density difference between target and measured density.

2

Target density



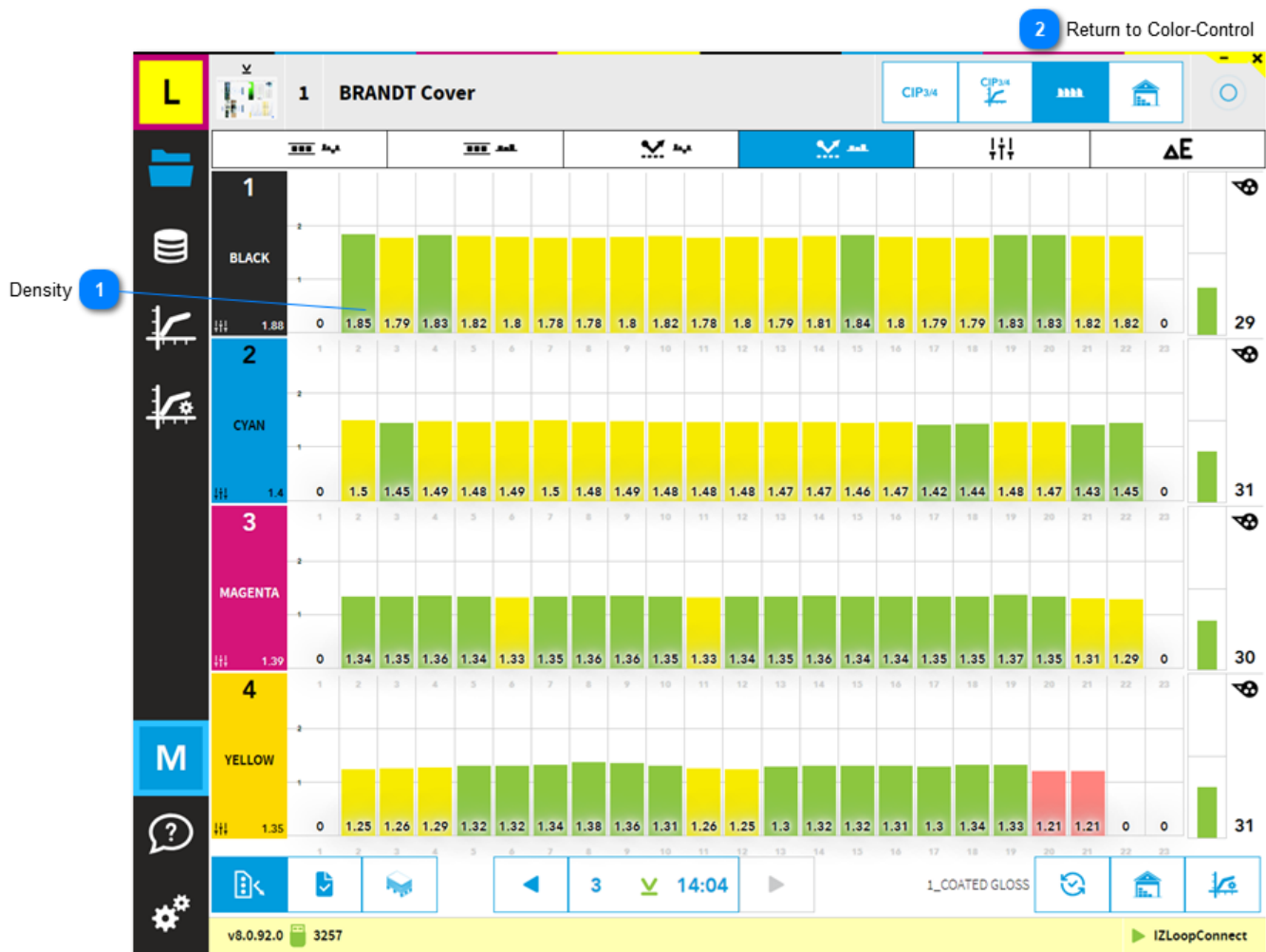
The target density set-up by the scanning software.

3

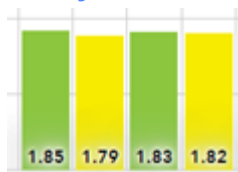
Return to Color-Control

[1.4.2. Color-Control overview](#)

1.4.2.3. Density absolute view



1 Density



Density from measurement software.

Green column = ink-key is not regulated

Yellow column = ink-key is regulated

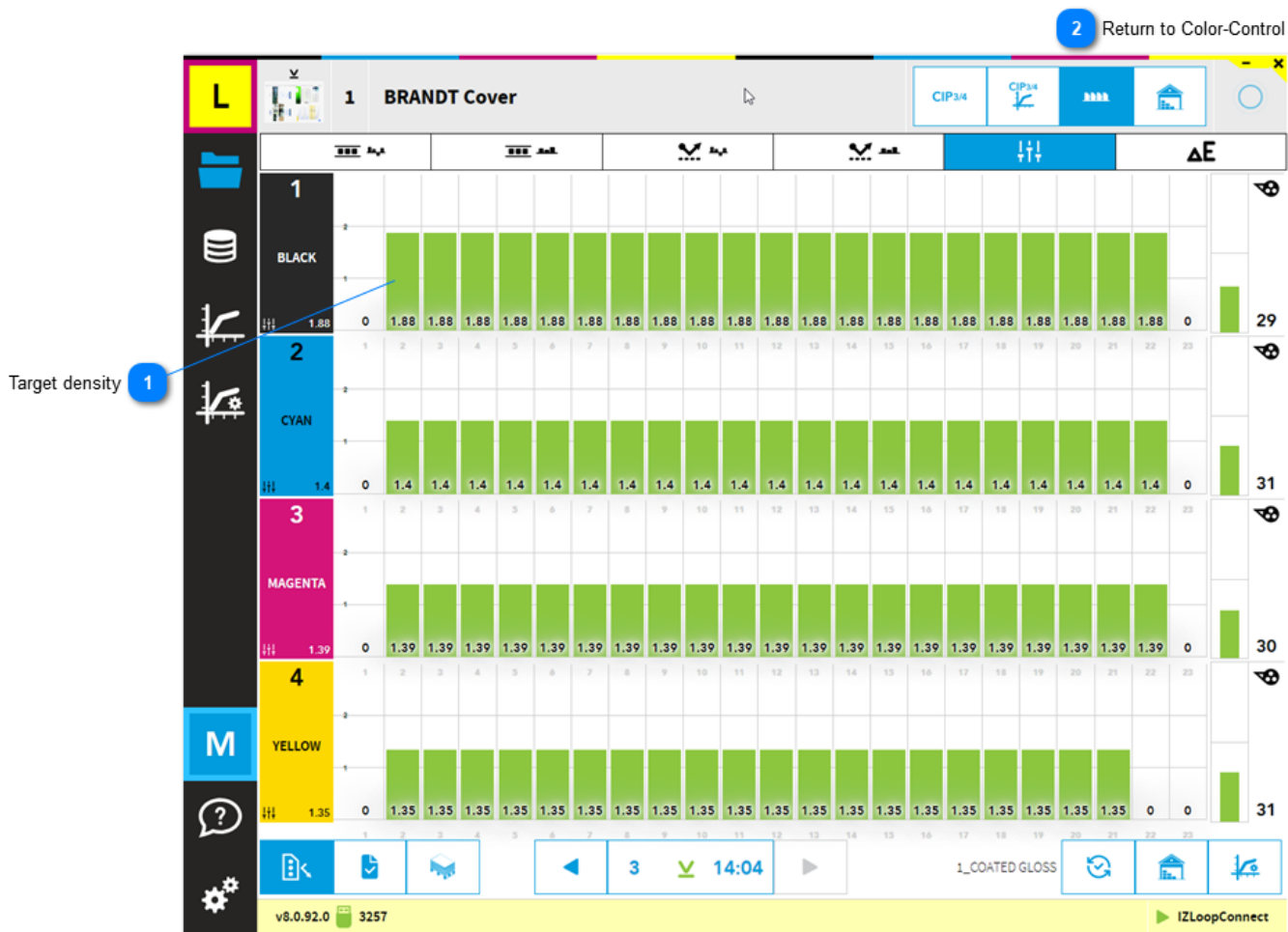
Red column = ink-key is regulated

Setup the regulation threshold in InkZoneLoop setting:

2 Return to Color-Control

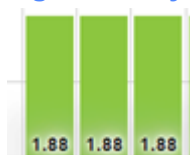
[1.4.2. Color-Control overview](#)

1.4.2.4. Density target view



1

Target density



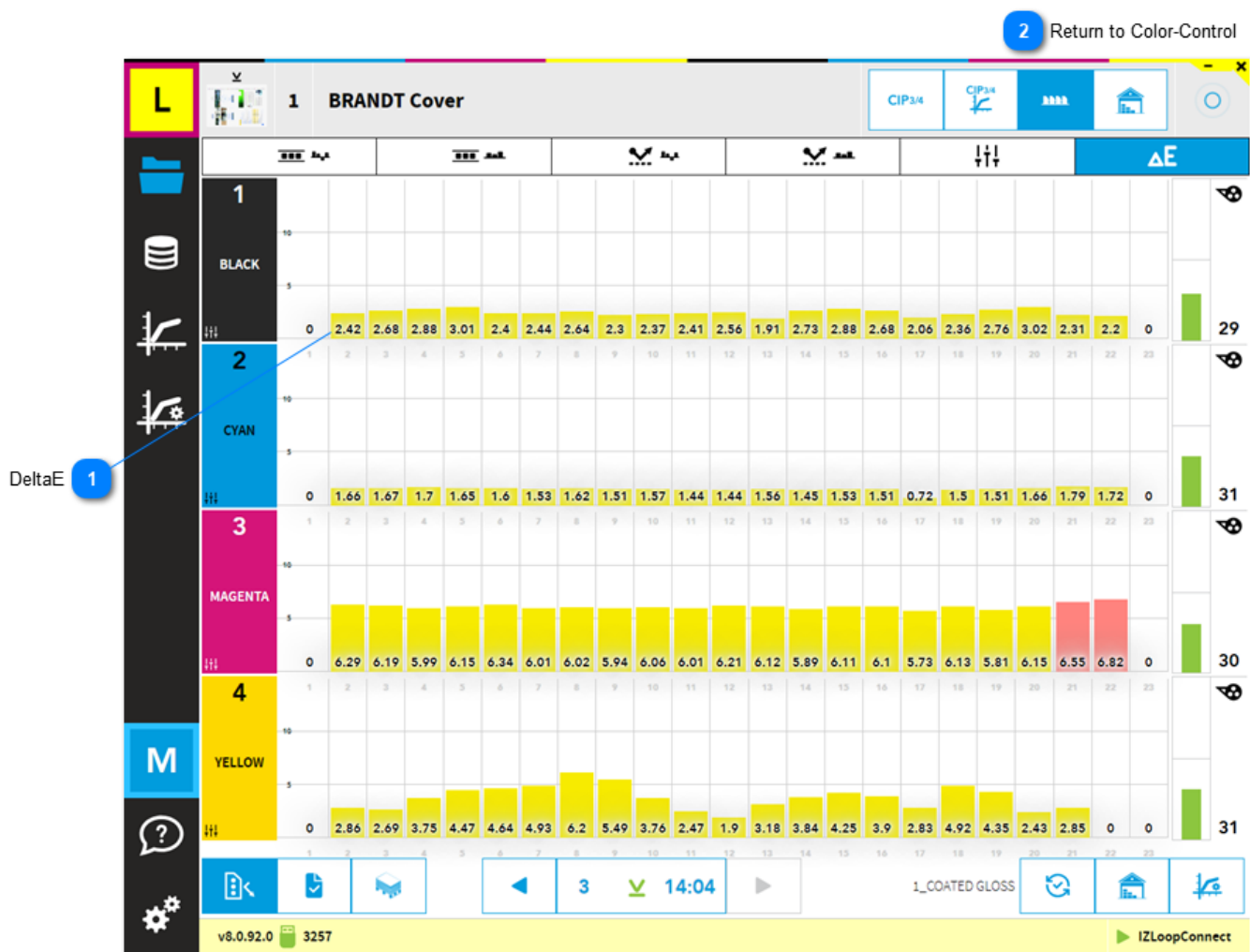
Target density set by scanning software.

2

Return to Color-Control

[1.4.2. Color-Control overview](#)

1.4.2.5. DeltaE view



1 DeltaE



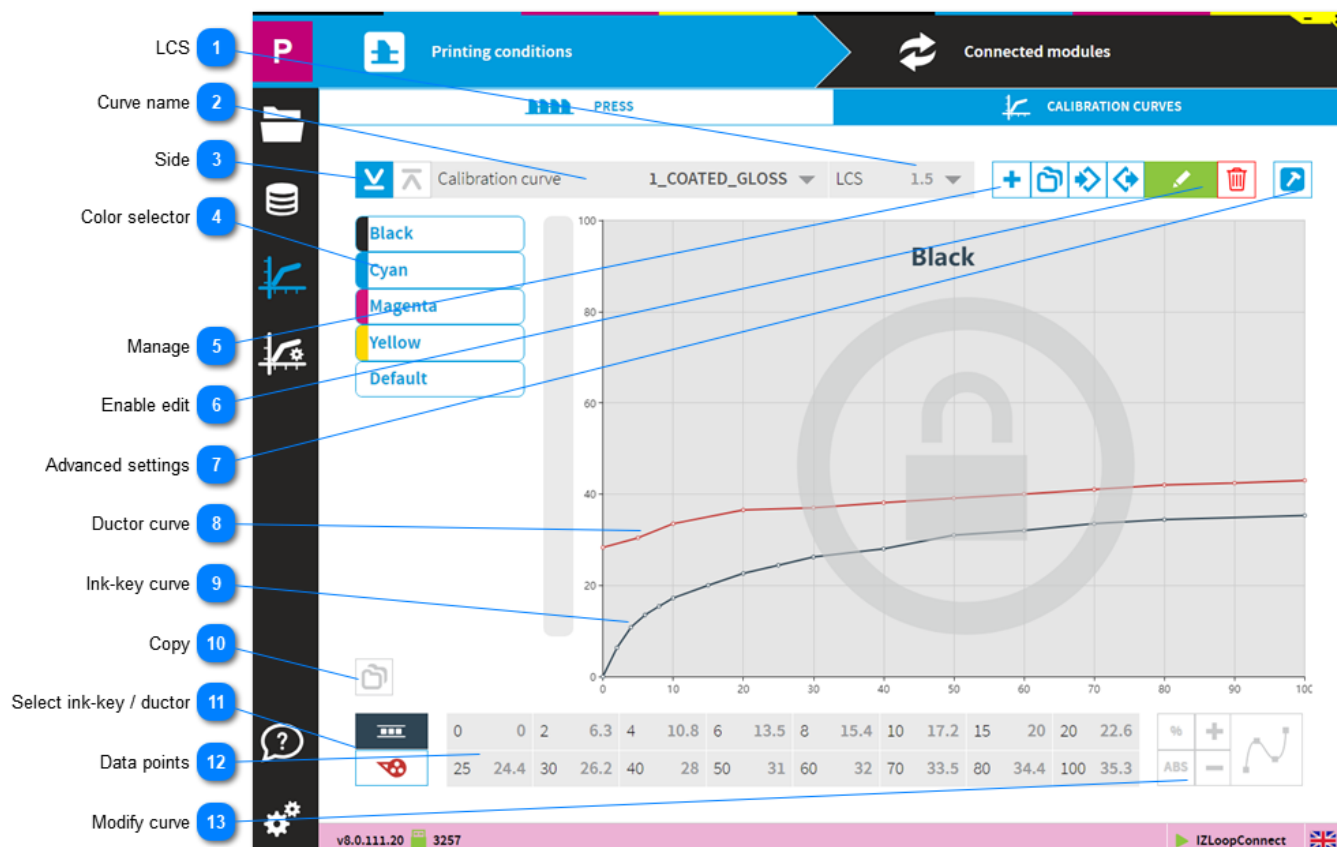
DeltaE from measurement software.

2

Return to Color-Control

[1.4.2. Color-Control overview](#)

1.5. Calibration curve



1 LCS

LCS 1.5

Set the ink-key opening for Low Coverage Surface. It applies to the plate coverage below 2%.

2 Curve name

Calibration curve 1_COATED_GLOSS

Select curve

3 Side



Select side

4 Color selector



Select color

5

Manage



Icon meaning from left to right:
add a new curve - duplicate - import - export

Icon Description

Details



Create a new calibration curve

1. Choose a name
2. Choose between CMYK and spot color curve
3. Choose single or double sided curve

Create calibration curve

| | | |
|-------|-------|---|
| Name | 1 | |
| Type | cmyk | 2 |
| Sides | front | 3 |



Duplicate calibration curve

1. Choose a name
2. Choose single or double sided curve

Copy Calibration

| | | |
|-------|-------|---|
| Name | 1 | |
| Sides | front | 2 |



Import calibration curve

Import data from a current installations or from a previous InkZone version.



Export calibration curve

Export data

6

Enable edit



Enable edit mode

7

Advanced settings**Description**

1. Link the InkZone ink-preset calibration curve with an InkZoneMove targetset. InkZoneMove then loads automatically the assigned targetset when a job is created.

2. Import targetset, shared with InkZoneMove.

See here: [1.5.1. Import targetset](#)

3. Choose the curve smoothing level which is applied by the smoothing button

4. Scan instrument backing, informative only

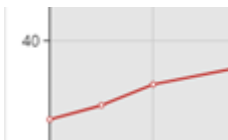
5. Link to the InkZoneLoop regulation setup. See here: [1.7.4. InkZoneLoop settings](#)



Apply the smoothing function within the calibration curve editor.

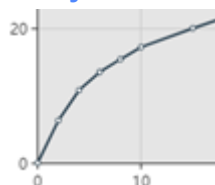


8

Ductor curve

The red curve displays ductor / sweep curve

9

Ink-key curve

The black curve displays ink-key curve

10 Copy



Copy a curve shape to another color.

1. Selected color
2. Choose target color

Copy calibration to another color

Source: Magenta

To: ink_

ALL

DEFAULT

BLACK

CYAN

YELLOW

✓

11 Select ink-key / ductor



1. Ink-key curve
2. Ductor / sweep curve



12 Data points

| | | | | | | | | | | | | | | | |
|----|------|----|------|----|------|----|------|----|------|----|------|----|------|-----|------|
| 0 | 0 | 2 | 6.3 | 4 | 10.8 | 6 | 13.5 | 8 | 15.4 | 10 | 17.2 | 15 | 20 | 20 | 22.6 |
| 25 | 24.4 | 30 | 26.2 | 40 | 28 | 50 | 31 | 60 | 32 | 70 | 33.5 | 80 | 34.4 | 100 | 35.3 |

Coverage (1) to ink-key or ductor (2)

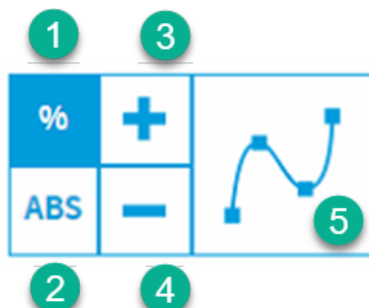
| | | | | | | | | | | | | | | | |
|----|------|----|------|----|------|----|------|----|------|----|------|----|------|-----|------|
| 0 | 0.0 | 2 | 6.3 | 4 | 10.8 | 6 | 13.5 | 8 | 15.4 | 10 | 17.2 | 15 | 20.0 | 20 | 22.6 |
| 25 | 24.4 | 30 | 26.2 | 40 | 29.0 | 50 | 31.0 | 60 | 32.0 | 70 | 33.5 | 80 | 34.4 | 100 | 35.3 |

13

Modify curve



1. Relative change selector
2. Absolute change selector
3. Change positive
4. Change negative
5. Apply curve smoothing



1.5.1. Import targetset

Choose the targetset for either black or white instrument backing. For InkZonePerfect, the selection is informational only and does not related to Lab or Density values from the targetset itself.

The link between targetset and ink-preset calibration curve is loads the selected targetset for a new job within InkZoneMove, see [Calibration curve](#) .

Targetset import

Backing

WHITE BLACK

Search

☐ G7_SWOP-5_P1_W_M0_06

☐ ISO 12647-2 -2013 PC1 BB

☐ ISO 12647-2 -2013 PC1 WB

☐ ISO 12647-2 -2013 PC2 BB

☐ ISO 12647-2 -2013 PC2 WB

↩ ✓

1.6. Linearization

7 See Edit mode

Linearization data from Calibration curve Recycling

| Date | Preview front | Preview back | Job name | Date | Colors | Status | Actions |
|------------|---------------|--------------|--------------------------------|-------|--------|--------|---------|
| 26.03.2021 | | | 21516_KUNSTHALLE_FLYER_01_RS | 08:49 | CMYK | | |
| 23.03.2021 | | | 21538_WWF_WILLKO_MMEN_FR_02_RS | 16:37 | CMYK | | |
| 23.03.2021 | | | 21538_WWF_WILLKO_MMEN_FR_02_VS | 10:57 | CMYK | | |
| 22.03.2021 | | | 21605_MAPS_347_01_VS | 11:18 | CMYK | | |
| 22.03.2021 | | | 21605_MAPS_347_04_VS | 08:24 | CMYK | | |
| 31.03.2021 | | | 21615_ABS_KURZ_BG_1_SD_01_VS | 08:38 | CMYK | | |
| 31.03.2021 | | | 21615_ABS_KURZ_BG | | CMYK | | |

v8.0.111.20 3257 IZLoopConnect

1

Select curve

Recycling

Shows all linearization jobs from selected calibration curve.

2

Filter by date

Date

Filter linearization jobs by date:

Date

- 1 Clears all applied filters and all jobs are shown in job list.
- 2 Create a job list with jobs from today.
- 3 Create a job list with jobs not older than 1 week.
- 4 Create a job list with jobs not older than 1 month.
- 5 Create a customized period of time with a start and end date.

3

Job information

Job information with preview, name, date and printed colors.

4

Add / Remove

By default, all jobs are selected to be used for linearization.

Simply click on the icon to remove it from the set. The icon changes to a minus with red background.



Job is part of linearization process.



Job does not take part in the linearization process.

5

Delete

Delete linearization job.

6

Next step

Continue here with the linearization process after the job selection.

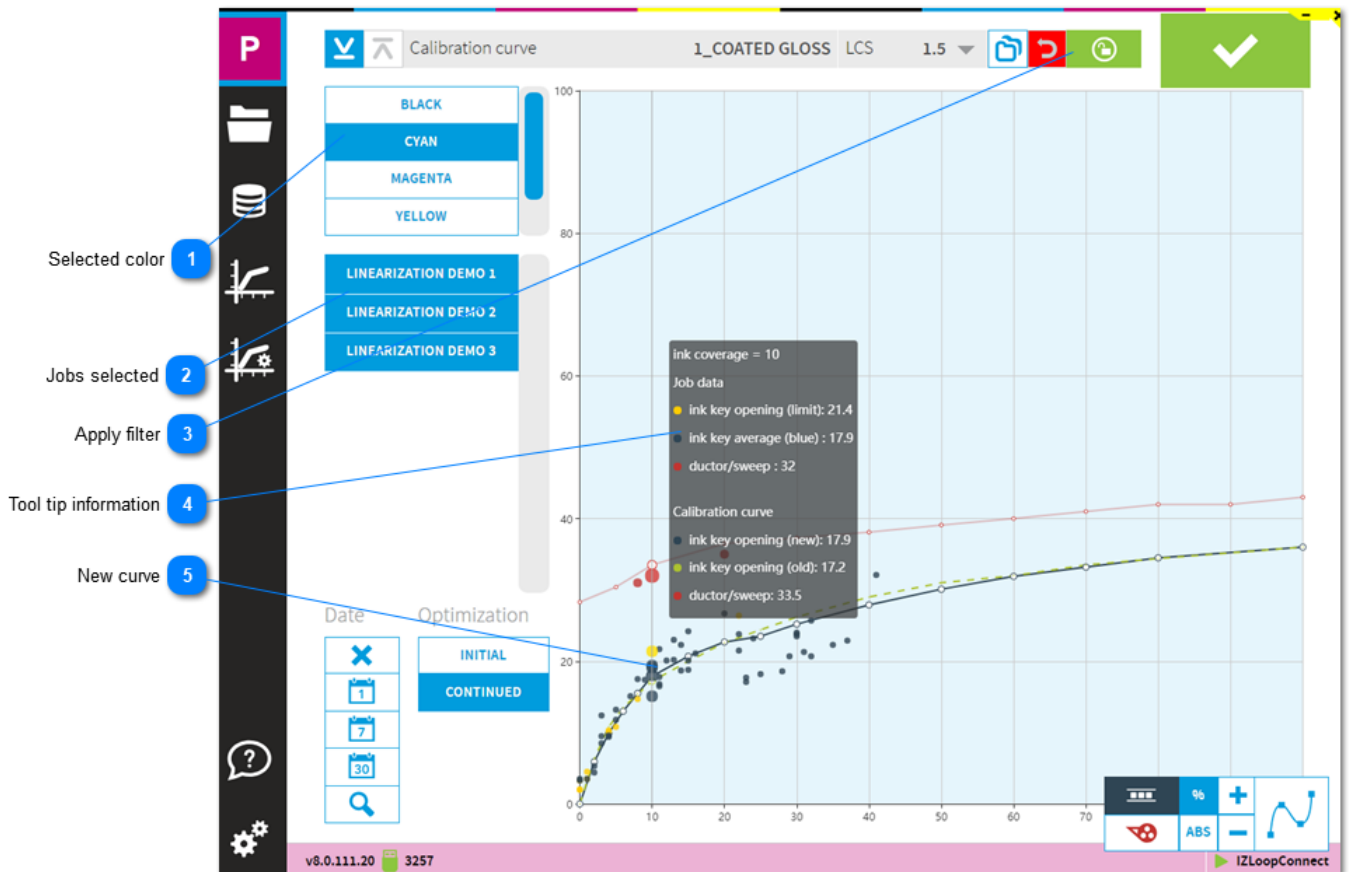
See here: [1.6.1. Preview](#)

7

See Edit mode

[1.6.2. Edit](#)

1.6.1. Preview



1

Selected color

CYAN

Color selected

2

Jobs selected

LINEARIZATION DEMO 1

LINEARIZATION DEMO 2

LINEARIZATION DEMO 3

A list with all jobs selected for linearization. With a click on the job name, the data is ignored for the curve adjustment.

3

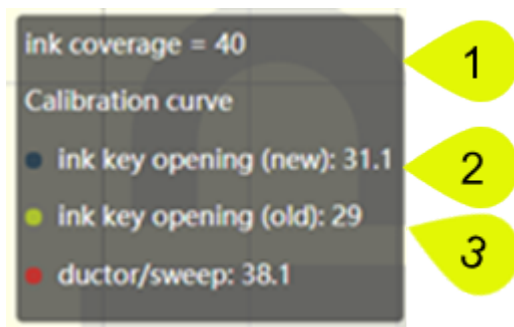
Apply filter



Filter to exclude ink-key which do not match a density and DeltaE deviation.
See here [1.6.1.1. Filter](#)

4

Tool tip information



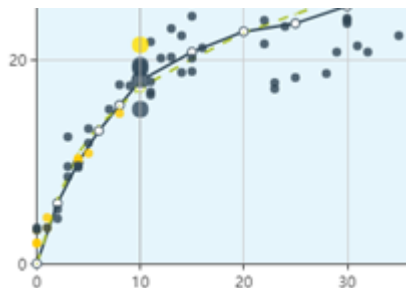
Tool tip information for calibration curve point.

Read like:

- for the ink-coverage of 40% (1), the calibration curve opens an ink-key (new) to 31.1 (2).
- before the calibration run, the calibration curve opened the ink-keys (old) to 29 (3).

5

New curve



Recalculated calibration curve.

- Green dots match the filter selection.
- Red dots do not match the filter and are excluded.
- Yellow dots are side ink-keys and are excluded.

1.6.1.1. Filter

Note: only available in conjunction with InkZoneLoop

9 Go to Preview

Calibration curve 1_COATED GLOSS LCS 1.5

Filter setting 1

Selected filter 2

Delta Density 3

DeltaE of Lab 4

Target density 5

Modify filter 6

Open filter 7

Calibration by filter 8

ISO 12647 tolerance

| | DeltaD | DeltaE | TargetDensity |
|---------|--------|--------|---------------|
| Black | any | 5 | 0 |
| Cyan | any | 5 | 0 |
| Magenta | any | 5 | 0 |
| Yellow | any | 5 | 0 |
| Default | any | 5 | 0 |

BRANDT COVER -- 3/9/21

Optimization

INITIAL

CONTINUED

v8.0.97.0 3257 IZLoopConnect

1

Filter setting



Select and modify filter set

2

Selected filter

ISO 12647 tolerance

Applied filter set

3

Delta Density

DeltaD

any

Tolerance for density. The ink-key is used for the linearization when the calculated density difference is within this tolerance.

4

DeltaE of Lab

DeltaE

5

Tolerance for DeltaE. The ink-key is used for the linearization when the calculated DeltaE is within this tolerance.

Target density

| |
|---------------|
| TargetDensity |
| 0 |

Target density. By default, the target density from the measurement file is used. This is valid when the value is set to 0.

 Modify filter

ΔD any ΔE 5 Target density 0

Currently used filter setup

Open filter



Create and modify linearization filter

- 1 List with all filters
- 2 Return to main
- 3 Delete
- 4 Rename
- 5 Duplicate
- 6 Confirm change

Select linearization filter

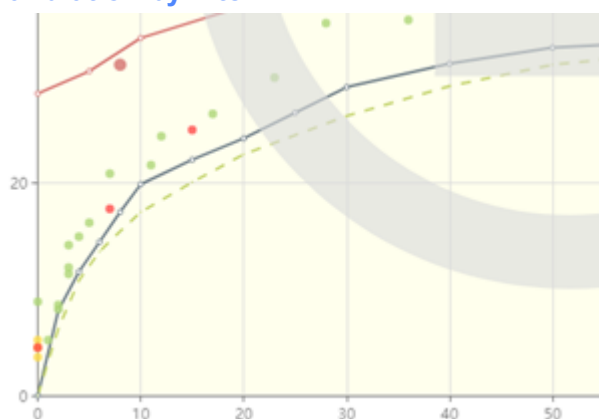
| | |
|------------------------|---|
| Density deviation 0.1d | |
| Density deviation 0.2d | |
| Density deviation 0.3d | 1 |
| ISO 12647 tolerance | |
| Large tolerance | |
| Standard | |

↶
🗑️
✎
📄
✓

2
3
4
5
6

8

Calibration by filter



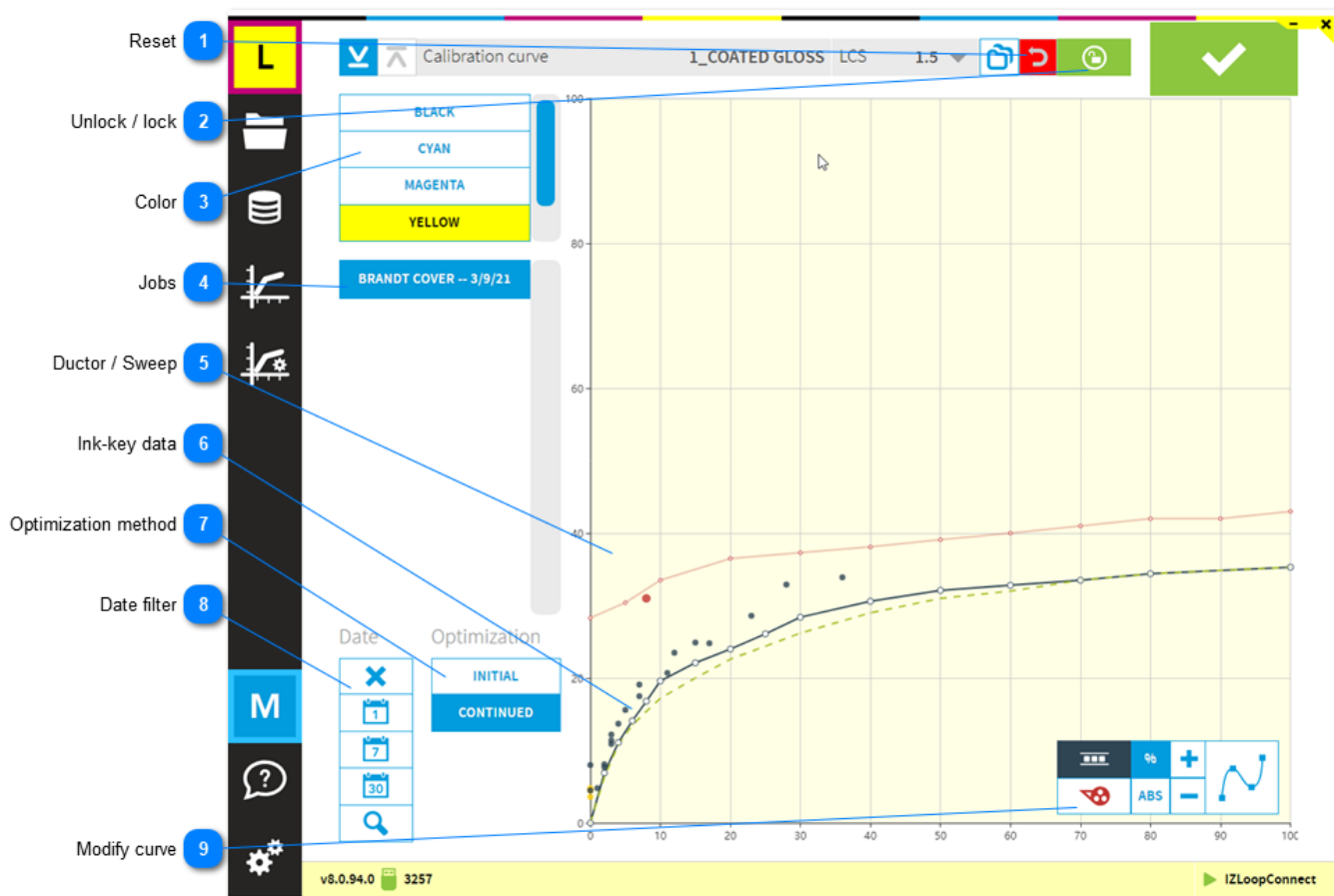
Green dots meet the filter criteria and are used to recalculate the calibration curve whereas a red dot is omitted for the recalculations.

9

Go to Preview

[1.6.1. Preview](#)

1.6.2. Edit



1 Reset



Reset all previously made changes.

2 Unlock / lock



To modify the calibration curve, press the unlock / lock button.



Press the unlock button to edit calibration curve.
With this icon active, curve editing is not possible.



With this icon active, curve editing is enabled.

3 Color

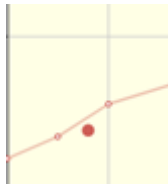


C M Y K colors in calibration curve.

4 Jobs

BRANDT COVER -- 3/9/21

List with jobs used for linearization.

5 Ductor / Sweep

Red curve and dots indicate ductor / sweep data.

6 Ink-key data

Black curve and dots indicate ink-key data.
Green dashed line is the calibration before the linearization.

7 Optimization method

| |
|-----------|
| INITIAL |
| CONTINUED |

Choose between optimization mode.
Initial: use for the first linearization only
Continued: use after first linearization

8

Date filter

Select jobs by date and creates a filtered job list:



Clears all applied filters and all jobs are shown in job list.



from today.



from the last week.



from the last month.

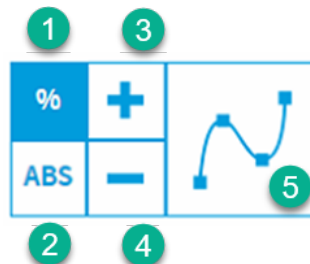


from a customized time frame with a start and end date.

9

Modify curve

1. Relative change selector
2. Absolute change selector
3. Change positive
4. Change negative
5. Apply curve smoothing



1.6.3. Adjustment

See Calibration curves: [1.5. Calibration curve](#)

1.6.4. Auto-Linearization

6 Return to Linearization

L Printing conditions **Connected modules**

PRESS **CALIBRATION CURVES** **AUTOLINEARIZATION**

| Enable | Calibration curve | Filter | Start date | Update days | Jobs | Color | Actions |
|--------------------------|-------------------|-----------------|------------|-------------|------|-------|---------|
| <input type="checkbox"/> | 1_COATED GLOSS | large_tolerance | 2021-03-10 | 7 | 10 | cmyk | |

Auto-Linearization 1

Enable 2

Setup 3

Modify 4

New 5

M

v8.0.94.0 3257 IZLoopConnect

1

Auto-Linearization



AUTOLINEARIZATION

Menu to access Auto-Linearization

2

Enable

Enable



Enable the auto-linearization setup here.

3

Setup

| 1 | 2 | 3 | 4 | 5 | 6 |
|-------------------|-----------------|------------|-------------|------|-------|
| Calibration curve | Filter | Start date | Update days | Jobs | Color |
| 1_COATED GLOSS | large_tolerance | 2021-03-10 | 7 | 10 | cmyk |

- | | | |
|---|-------------------|---|
| 1 | Calibration curve | Calibration curve selected for the auto-linearization. |
| 2 | Filter | Applied density and deltaE deviation filter set. The filter sets are setup in the linearization menu. |
| 3 | Start date | Start of the first auto-linearization cycle |
| 4 | Update days | Interval in days |
| 5 | Jobs | Minimum jobs required |
| 6 | Colors | Applies to CMYK or Spot color calibration curves |

4

Modify



Delete or modify the setup

5

New



Add an auto-linearization setting

- | | | |
|---|-------------------|---|
| 1 | Calibration curve | Calibration curve selected for the auto-linearization. |
| 2 | Filter | Applied density and deltaE deviation filter set. The filter sets are setup in the linearization menu. |
| 3 | Start date | Start of the first auto-linearization cycle |
| 4 | Update days | Interval in days |
| 5 | Jobs | Minimum jobs required |
| 6 | Colors | Applies to CMYK or Spot color calibration curves |

6

[Return to Linearization](#)[1.6. Linearization](#)

1.7. Software setup

1.7.1. Press

5 Go to Perfecting press

Printing conditions

CONNECTED MODULES

PRESS

CALIBRATION CURVES

Activated press

| | | | |
|--------------|----------------------|----------------------|------|
| Name | Offset Press 6 units | Number of keys | 23 |
| PressID | 1 | Keywidth | 32.5 |
| Machine type | Sheet-fed | Units | 6 |
| Manufacturer | | Perfector after unit | 0 |

1 Advanced settings

2 Unlock - lock

3 Press setup

4 Color setup

1 BLACK

2 CYAN

3 MAGENTA

4 YELLOW

5 EMPTY

6 EMPTY

v8.0.111.20 3257 IZLoopConnect

1 Advanced settings



See here: [1.7.1.1. Advanced features](#)

2 Unlock - lock



To modify the press setup, press the unlock button.



When this icon is visible, the press parameter can not be changed. The setup is locked.



1) When this icon is visible, press parameter editing is enabled.

2) Change from here to the advanced press settings.

3) Cancel, all changes are discarded.

3

Press setup

| | | | | | |
|--------------|----------------------|----------------------|------|---|---|
| Name | Offset Press 6 units | Number of keys | 23 | – | + |
| Press ID | 1 | Key width | 32.5 | – | + |
| Machine type | Sheet-fed ▼ | Units | 6 | – | + |
| Manufacturer | | Perfector after unit | 0 | – | + |

Press machine parameter

4

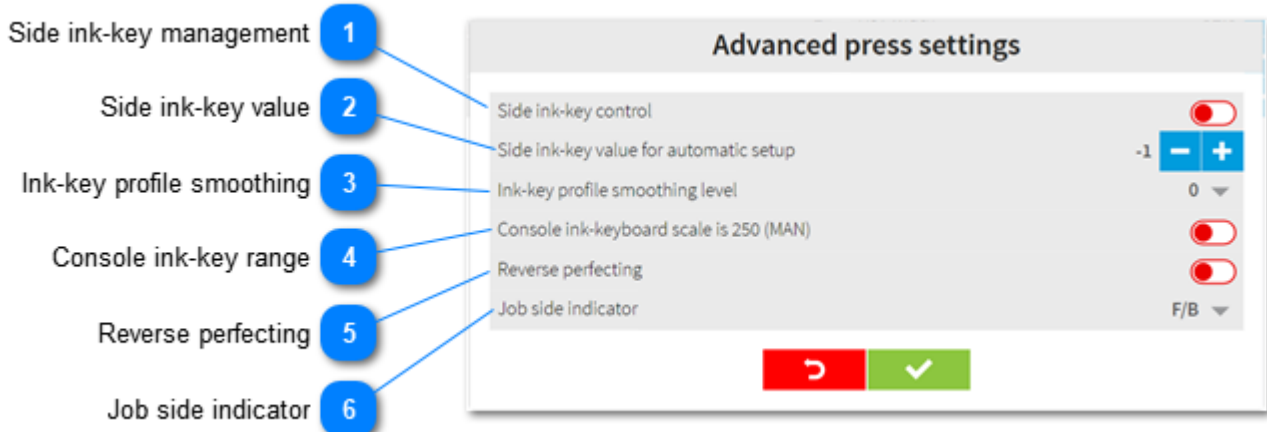
Color setup

Default color sequence for K C M Y colors. Change the sequence by clicking on the unit and select a color.

5

Go to Perfecting press[1.7.1.4. Perfecting press](#)

1.7.1.1. Advanced features

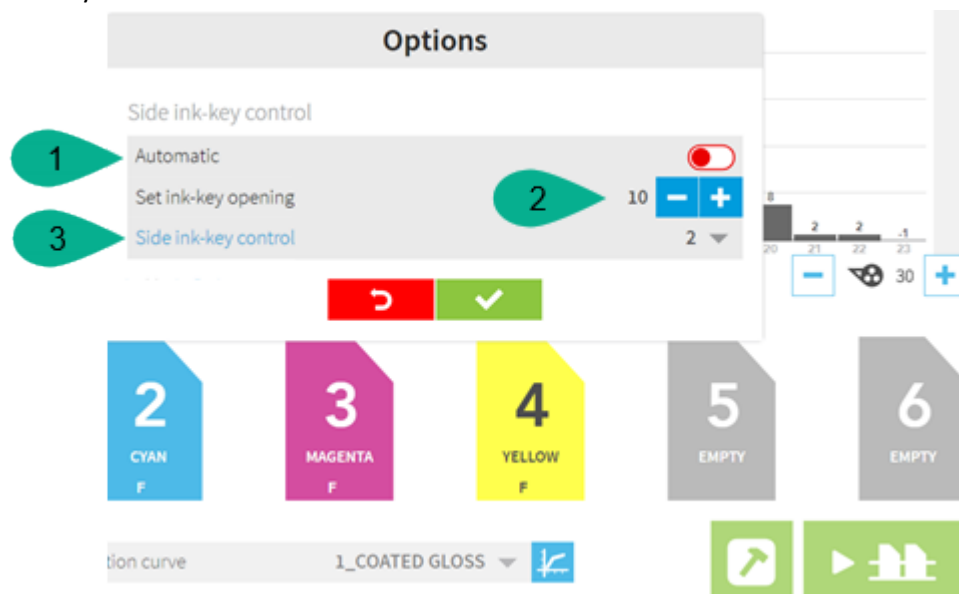


1 Side ink-key management

Side ink-key control

Allows the operator to setup the ink-key opening of the side ink-keys with an arbitrary value.

- 1) Automatic needs to be disabled
- 2) Define the ink-key opening value
- 3) Define the number of side keys. E.g. a value 2 sets ink-key nr 1 and 2 plus the last two ink-keys as side ink-keys.

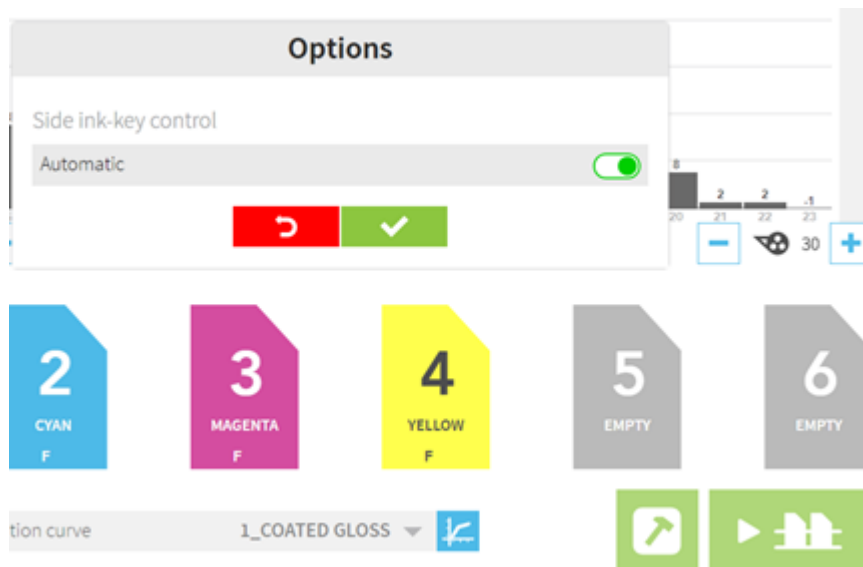


2 Side ink-key value

Side ink-key value for automatic setup

The side ink-keys are automatically set to selected value.

In the press preparation screen, enable through the advanced button, left hand side of the transfer button.



3

Ink-key profile smoothing

Ink-key profile smoothing level

Smoothing is applied to the ink profile.

4

Console ink-key range

Console ink-keyboard scale is 250 (MAN)

Typically, the feature is enabled for MAN consoles where the ink-keys are set between 0 and 250.

5

Reverse perfecting

Reverse perfecting

To assign the F side ink-preset data to the units after the perfector.

6

Job side indicator

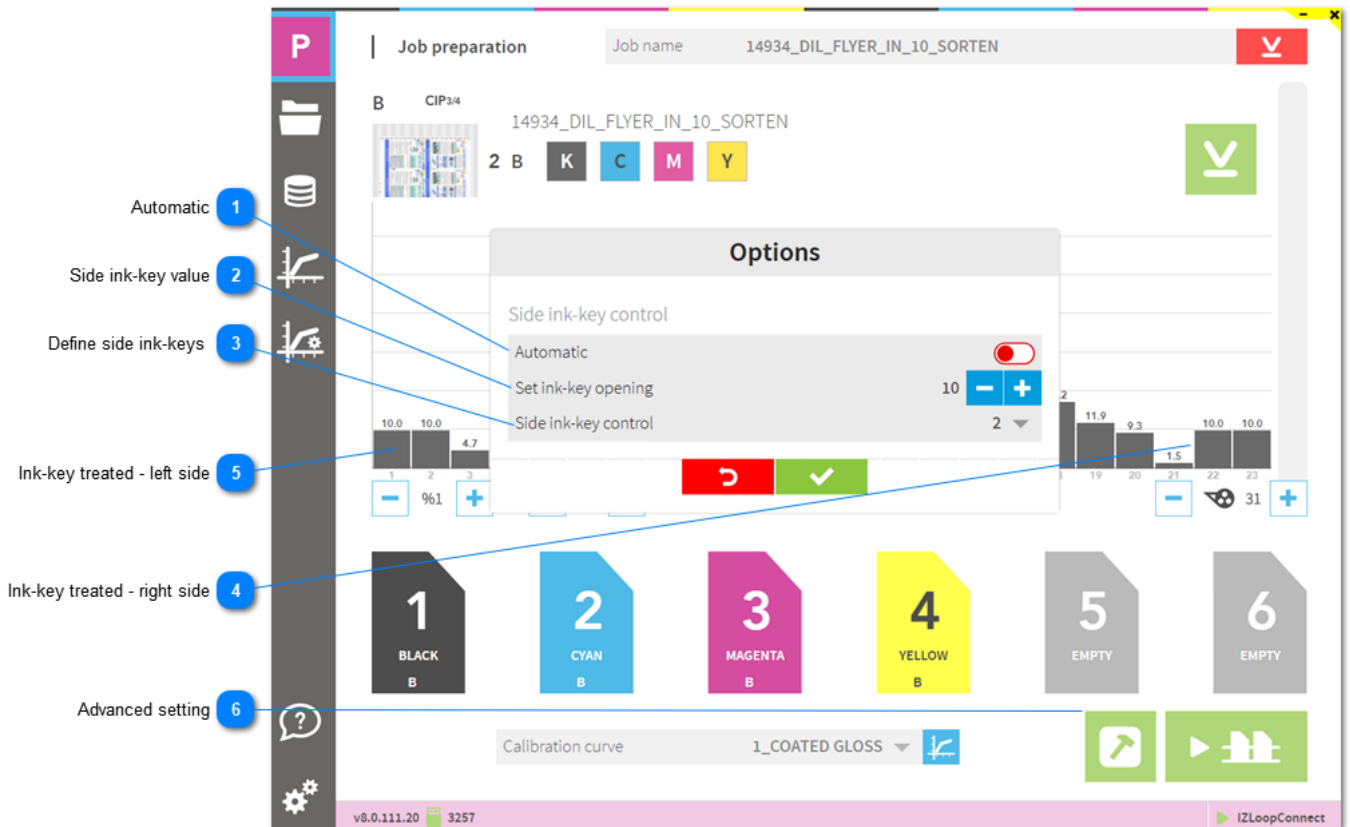
Job side indicator

Change the indicator of the front and back side:

F/B

A/B

1.7.1.2. Side ink-key management



1

Automatic

Automatic

When enabled, the side keys are defined by the zero ink coverage on both sides. These keys are set with the value defined in the press setup.

2

Side ink-key value

Set ink-key opening

10



Setup the fixed value for the defined side ink-keys. The value 0 closes the side ink-keys.

3

Define side ink-keys

Side ink-key control

2

Define the number of ink-keys on the left and right side to be treated as side ink-keys.

4

Ink-key treated - right side

Side ink-key on the right side. In this sample key nr22 and nr23 are set to 0.

5

Ink-key treated - left side

Side ink-key on the left side. In this sample key nr1 and nr2 are set to 0.

6

Advanced setting

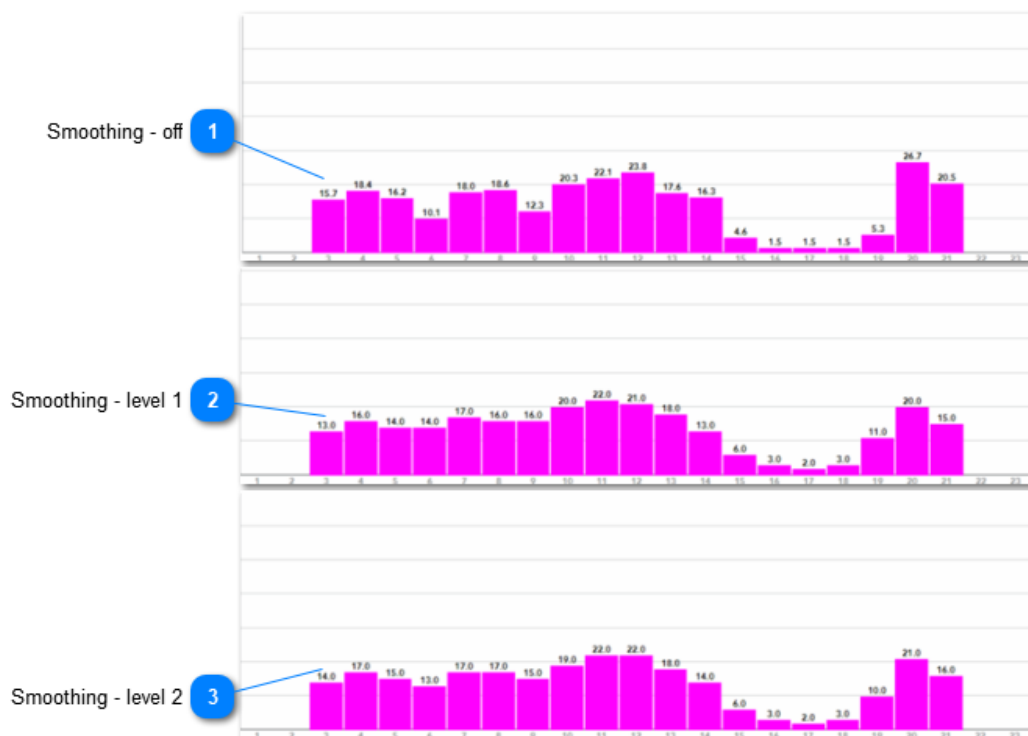
Select the advanced setting and set the side ink-keys.

See here: [1.7.1.1. Advanced features](#)



1.7.1.3. Ink-key profile smoothing

When smoothing is active, the ink-key value is adjusted with the values from the neighbor ink-keys. See here the same job with different smoothing levels applied:



1

Smoothing - off



No smoothing is applied. Ink-key values are calculated by the calibration curve.

2

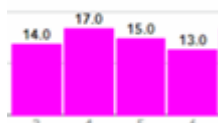
Smoothing - level 1



Smoothing level 1. Ink-key values are calculated by the calibration curve and the neighbor ink-keys. With level 1, the influence of the neighbor ink-keys is small.

3

Smoothing - level 2



Smoothing level 2. Ink-key values are calculated by the calibration curve and the neighbor ink-keys. With level 2, the influence of the neighbor ink-keys is medium.

1.7.1.4. Perfecting press

Activated press

| | | | | | |
|--------------|----------------------|----------------------|------|---|---|
| Name | Offset Press 6 units | Number of keys | 23 | - | + |
| Press ID | 1 | Key width | 32.5 | - | + |
| Machine type | Sheet-fed | Units | 8 | - | + |
| Manufacturer | | Perfector after unit | 4 | - | + |

Units - Perfector 1

Units after perfector 2

Perfector position 3

Units before perfector 4

1 BLACK 2 CYAN 3 MAGENTA 4 YELLOW 5 BLACK 6 CYAN 7 MAGENTA 8 YELLOW

v8.0.111.20 3257 IZLinkHeidi IZHeidiControl

1

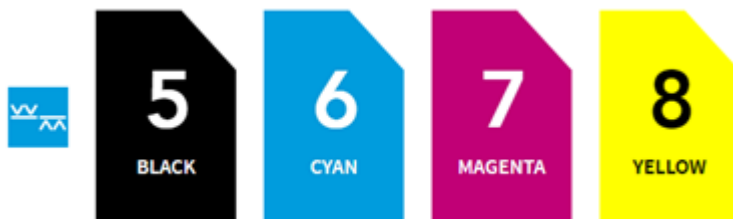
Units - Perfector

| | | | |
|----------------------|---|---|---|
| Units | 8 | - | + |
| Perfector after unit | 4 | - | + |

Units and perfector setup

2

Units after perfector



Print units after perfector

3

Perfector position



Perfector position. Click on the perfector icon to change from perfecting to none perfecting setup and vice versa.

None perfecting



Perfecting



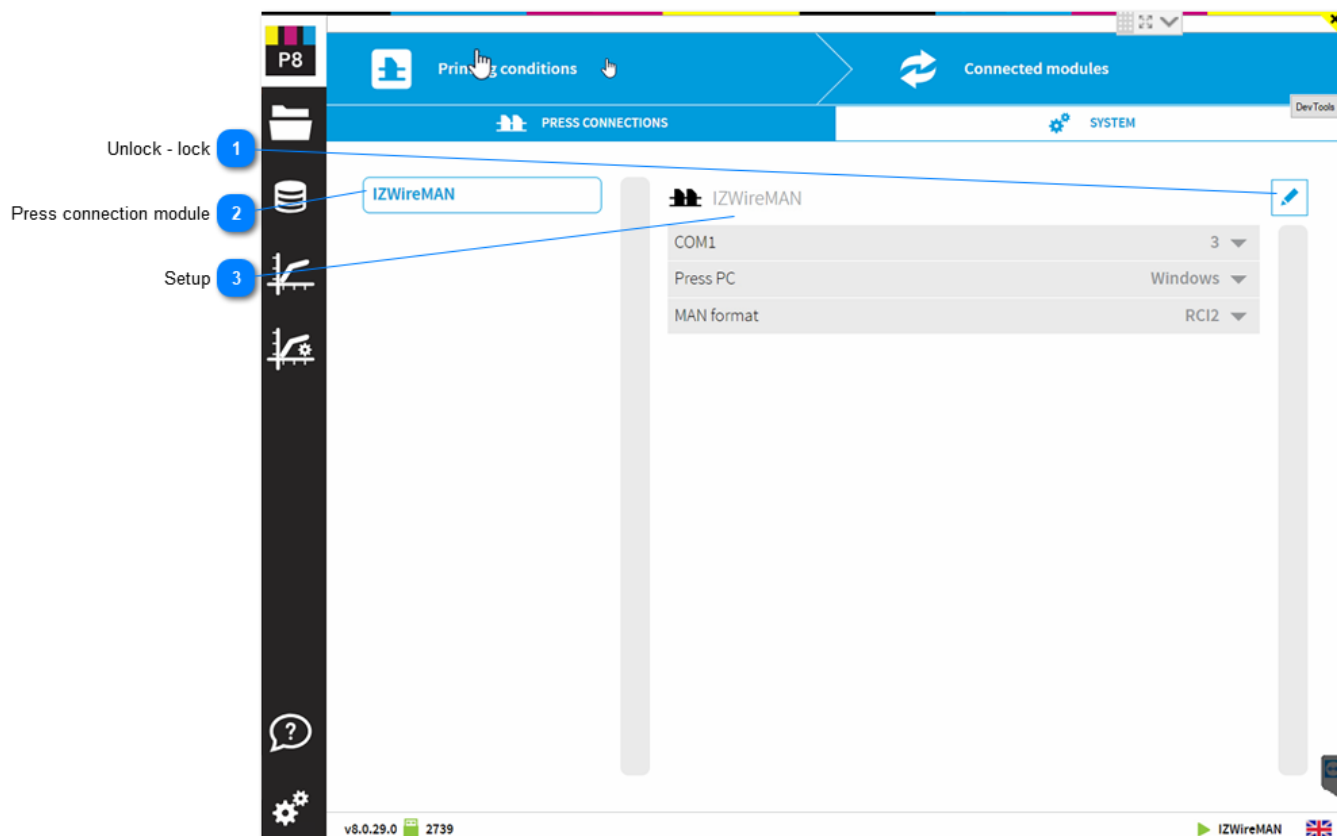
4

Units before perfector



Print units before perfector.

1.7.2. Press connection



1

Unlock - lock



Press the unlock button to modify the press connection parameters.

2

Press connection module

IZWireMAN

Active press connection module validated by the purchased InkZone license.

3

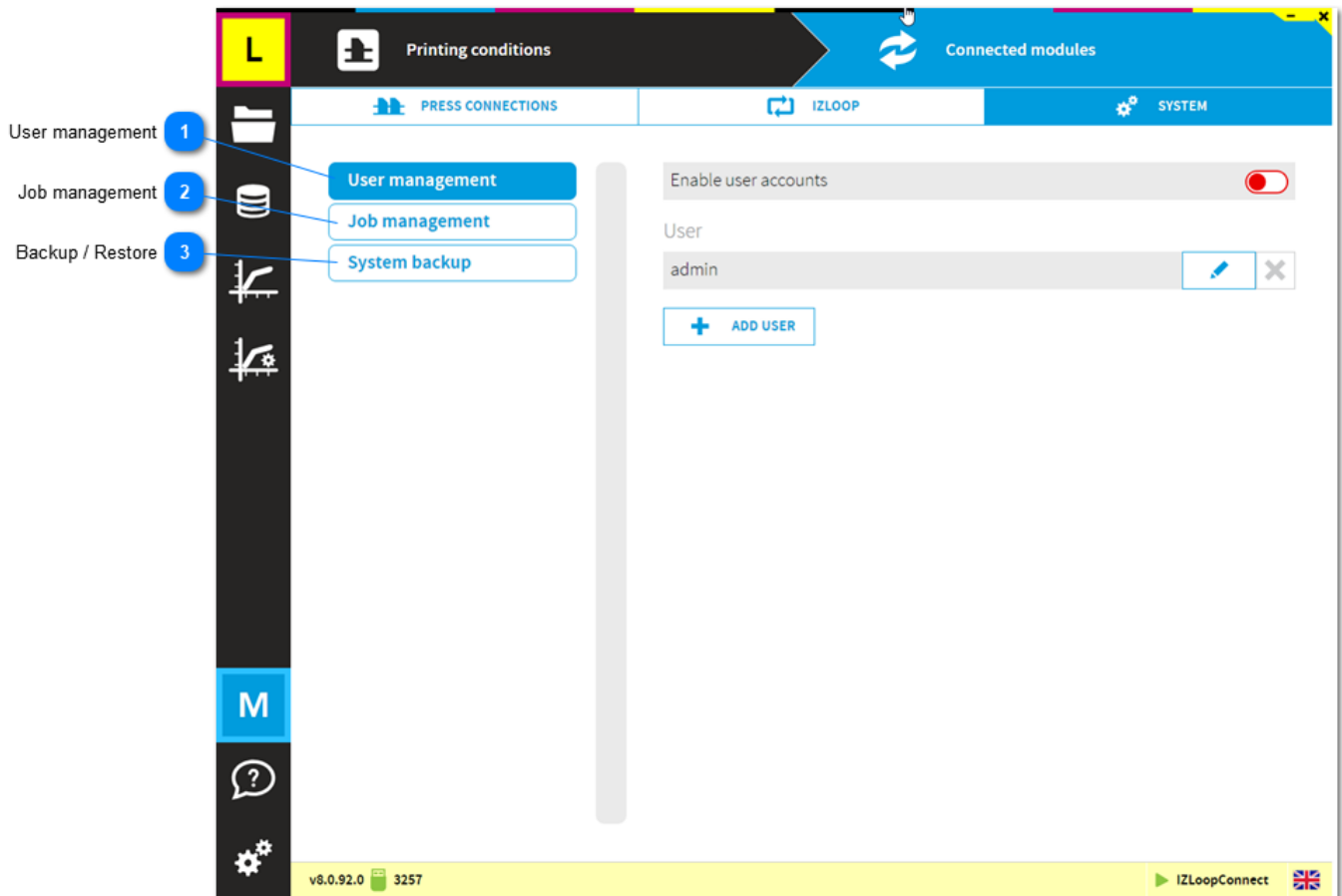
Setup

IZWireMAN

| | |
|------------|-----------|
| COM1 | 3 ▼ |
| Press PC | Windows ▼ |
| MAN format | RCI2 ▼ |

Press connection module. The setup is according to the press console, the press connection module and the PC configuration.

1.7.3. System



1

User management**User management**

Activate user management from here. Any created user does not get access to the software configuration pages nor the to calibration curve setup.

[1.7.3.1. User management](#)

2

Job management**Job management**

Limit printed jobs to days: jobs are automatically removed from the printed job list when older than the setup value

Linearization jobs limit: linearization jobs are automatically removed when exceeding the limit value where oldest ones are removed.

[1.7.3.2. Job management](#)

3

Backup / Restore**System backup**

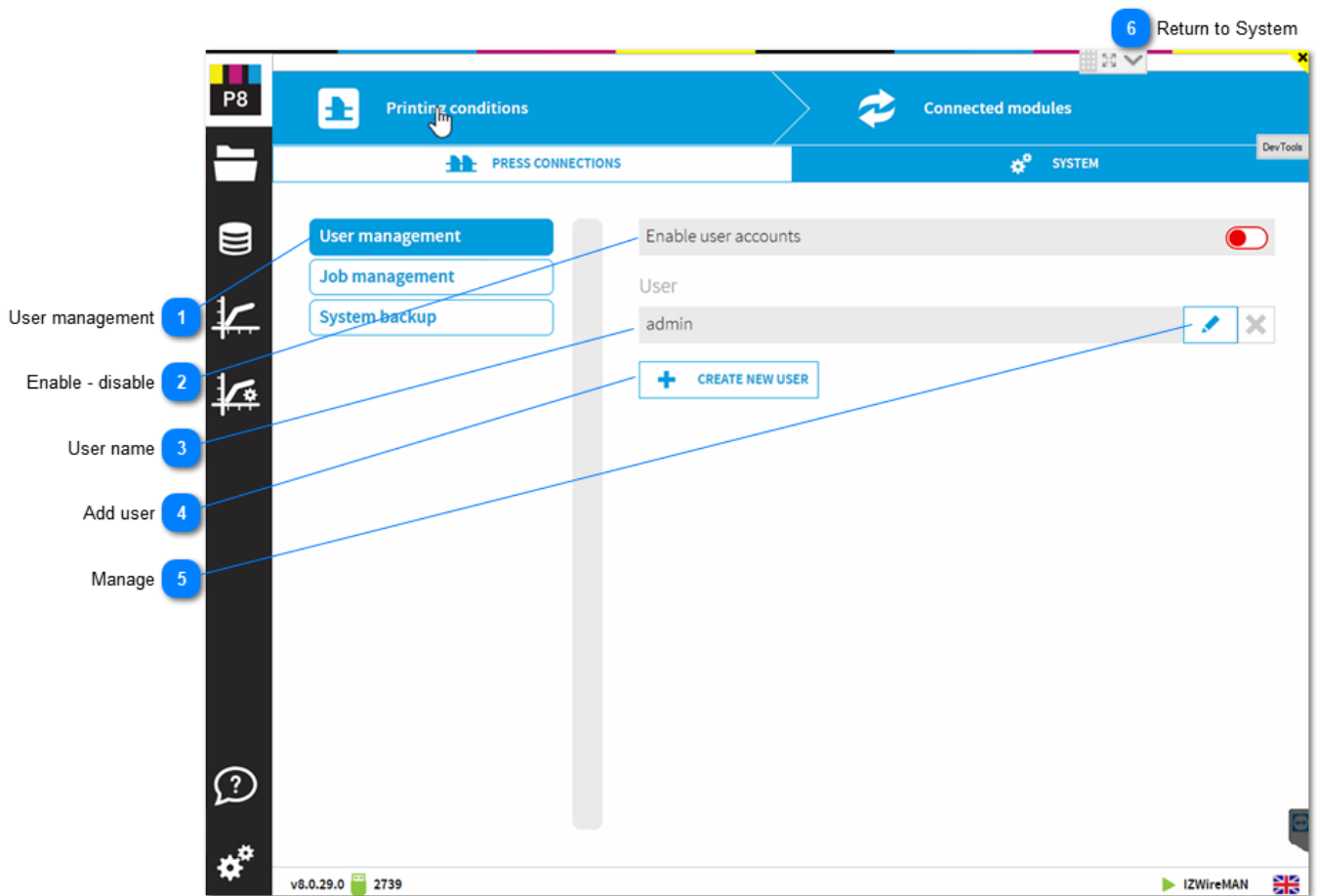
Backup and restore the system setup.

The backup data is stored into the local database and to a ZIP archive file.

Copy the ZIP file to a safe place in order to restore the system in case of computer malfunction.

[1.7.3.3. System backup](#)

1.7.3.1. User management



1

User management

User management

Select user management.

2

Enable - disable

Enable user accounts

Enable user management here.

When enabled, only the administrator user , here called admin, has the rights to modify the software configuration and calibration curves.

3

User name

admin

User name

4

Add user

+ CREATE NEW USER

Add a new user.

5

Manage



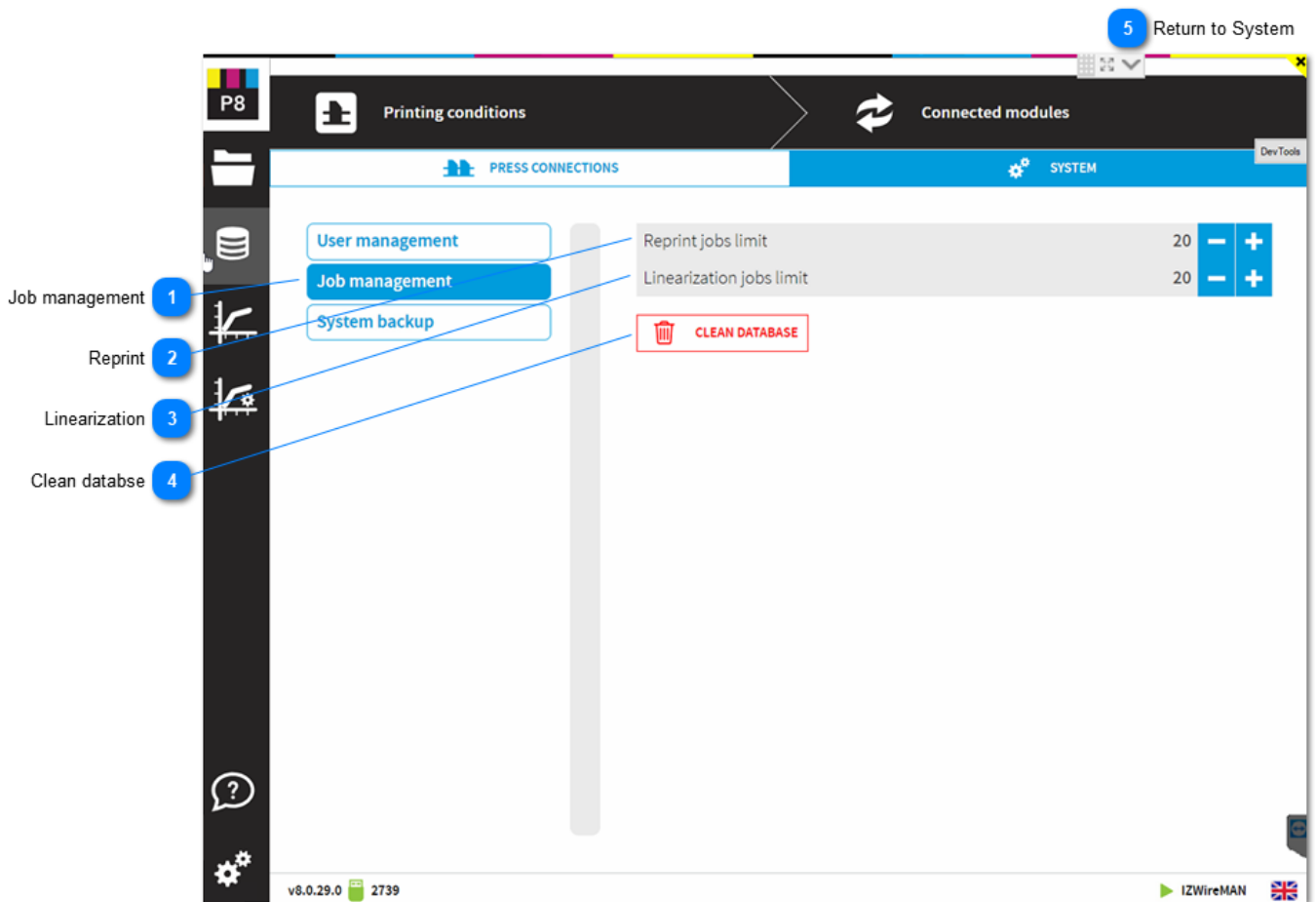
Change password or delete user.

6

Return to System

[1.7.3. System](#)

1.7.3.2. Job management



1

Job management

Job management

Select job management.

2

Reprint

Reprint jobs limit

Limit the number of reprint jobs. The older jobs are automatically deleted.

3

Linearization

Linearization jobs limit

Limit the number of linearization jobs. The older jobs are automatically deleted.

4

Clean database

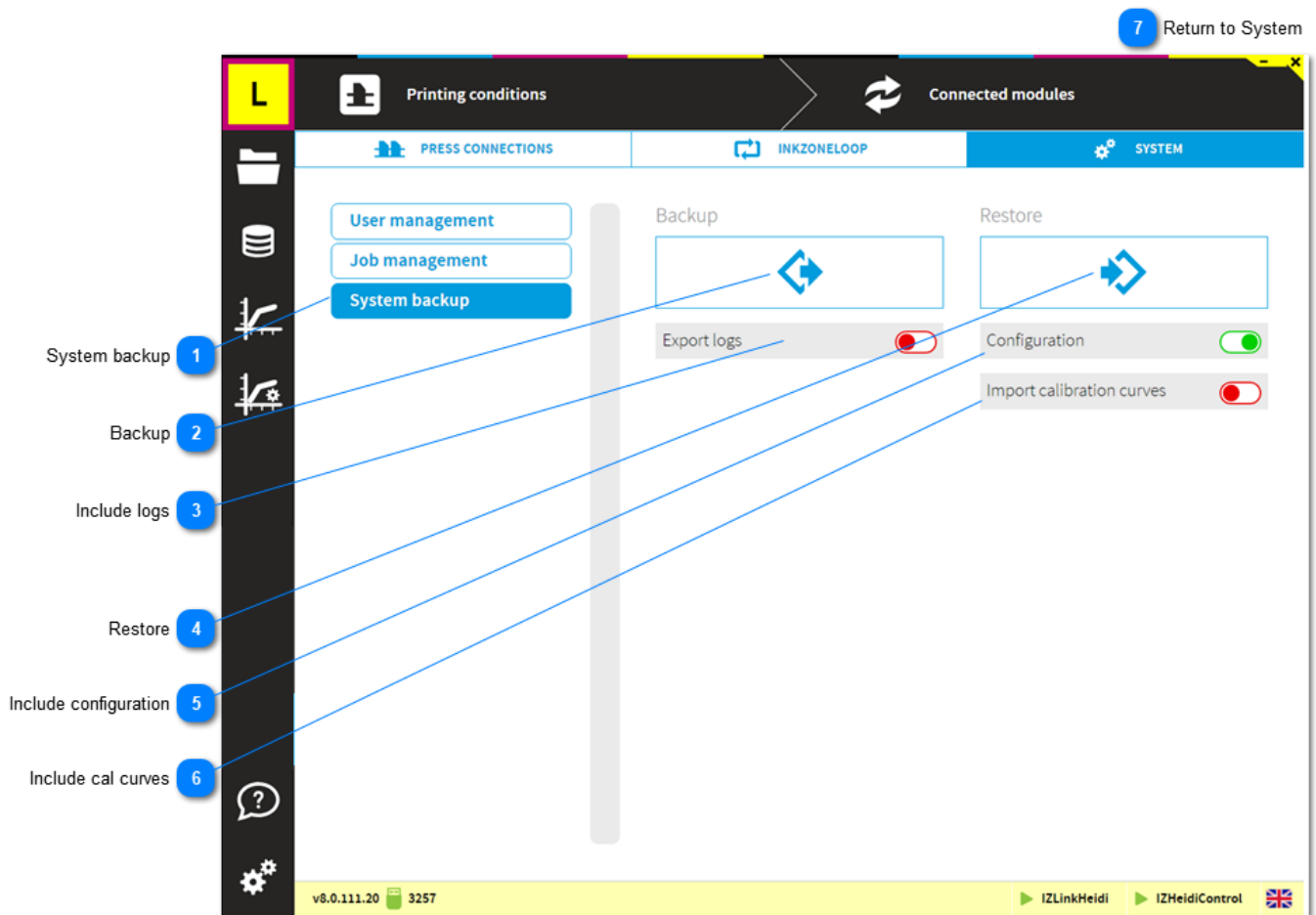
CLEAN DATABASE

Jobs marked as deleted are permanently deleted from the database.

5

Return to System[1.7.3. System](#)

1.7.3.3. System backup



1

System backup

System backup

Select backup functions.

2

Backup

Create a backup of all the settings including press parameter, press connection setup and the calibration curves.

3

Include logs

Export logs



It is useful to include log data for troubleshooting. Enable it from here.

4

Restore

Restore a back. Select below if it includes the calibration curve or generally if it includes the configuration.

5

Include configuration

Configuration



Enable to restore all the configuration parameters.

6

Include cal curves

Import calibration curves

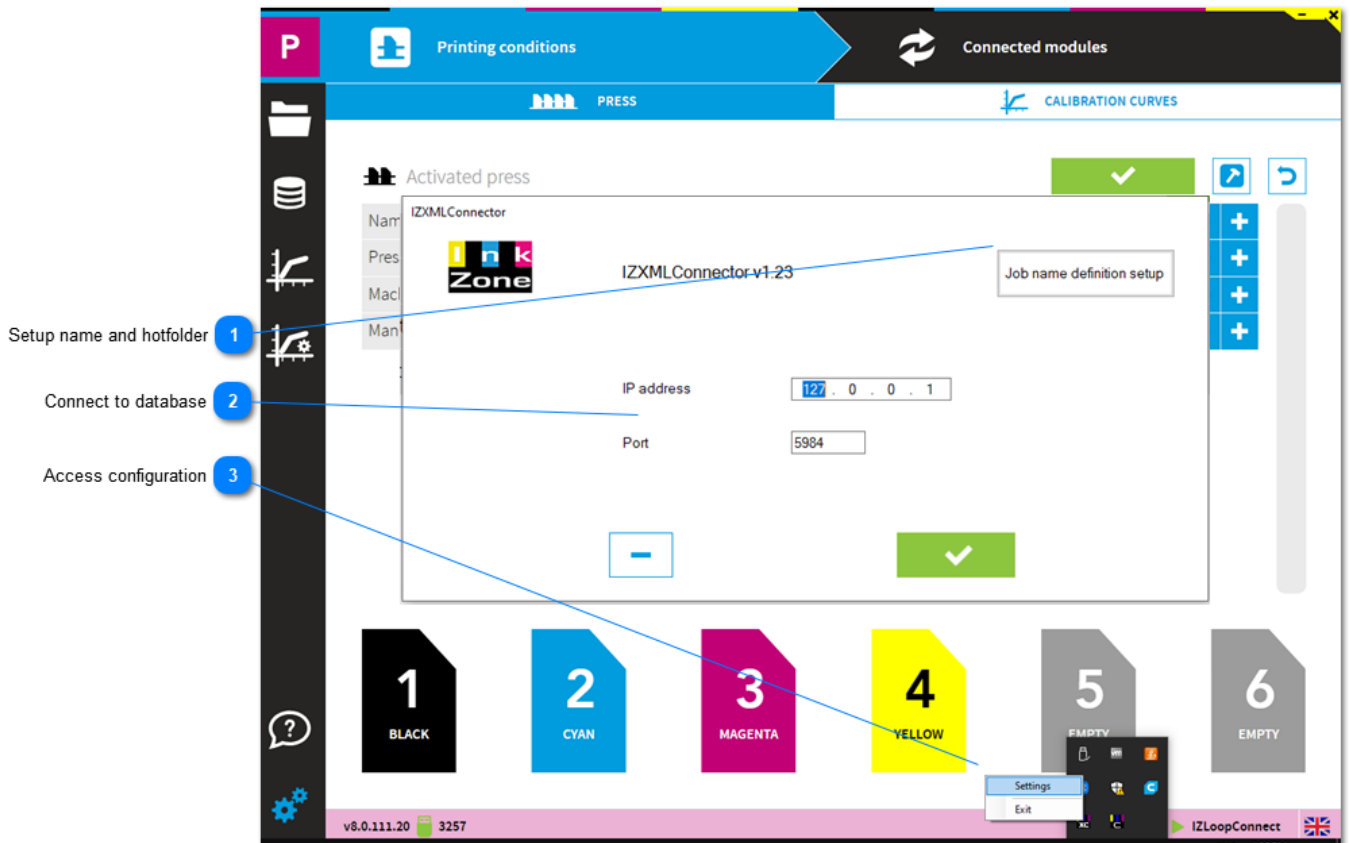


Enable to restore the calibration curves from the backup data.

7

Return to System[1.7.3. System](#)

1.7.3.4. XML Connector - Prepress connection



1

Setup name and hotfolder

Job name definition setup

See here: [1.7.3.4.1. Configuration](#)

2

Connect to database

IP address 127.0.0.1

Port 5984

Configure the IP and port address of the PC running the database couchDB.
Usually, the job database is on the local computer with the IP 127.0.0.1 and port address 5984.

3

Access configuration

Right click on XMLConnector icon in program tray and select the menu entry "settings".

1.7.3.4.1. Configuration

9 Return to XML Connector

Input setup 1

Setup name 2

Hot folder input 3

Pre-Press job name scheme 4

Elements 5

Identify sheet number 6

Identify side 7

Samples 8

Name format setup

Setting name
Agfa

Input path
C:\Users\ceede\OneDrive\Documents\DI\InkzonePerfect\I2XMLConnector\input

Job name definition
%JOBNAME%_%SHEETNUMBER%_%SIDE%

JobName SheetNumber Side Ignore

SheetNumberMarker

Front _F ☐ Even

Back _B ☐ Even

Available templates

Jobname_001_Front / Jobname_001_Back
Jobname_1A / Jobname_1B
Jobname_1A / Jobname_2A
Jobname_001 / Jobname_002 (Front = uneven page nr, Back = even page nr)
Jobname_001_IGNORE / Jobname_002_IGNORE (Front = uneven page nr, Back = even page nr)
Jobname_001_IGNORE_IGNORE / Jobname_002_IGNORE_IGNORE

[-] [✓]

1

Input setup

Agfa

Prinergy

Harlequin

Configure up to 3 different pre-press input locations and their pre-press job name scheme.

2

Setup name

Setting name
Agfa

Set a name for the setup, e.g. the Pre-Press workflow system.

3

Hot folder input

Input path
C:\Users\ceede\OneDrive\Documents\DI\InkzonePerfect\I2XMLConnector\input

Location of the hotfolder for the XML / PNG data.

4

Pre-Press job name scheme

Job name definition

%JOBNAME%_%SHEETNUMBER%_%SIDE%

Setup the job name format with the indicator for job name, sheet number and sheet side. Each element is separated with an underline, like “_”.

Sample %JOBNAME%_%SHEETNUMBER%_%SIDE%

CIP3 job name:

```
HABA_TL A 115717_158790_EDUCATION RAINBOW SALAD_1_FRONT
HABA_TL A 115717_158790_EDUCATION RAINBOW SALAD_1_BACK
HABA_TL A 115717_158790_EDUCATION RAINBOW SALAD_2_BACK
HABA_TL A 115717_158790_EDUCATION RAINBOW SALAD_2_FRONT
```

Job name **Side**
Signature

5

Elements

Add from the element for the job name scheme.

6

Identify sheet numberSheetNumberMarker

In some cases, the sheet number information starts with string or a char, like "P001", "P002" or "FOLD1", "FOLD2". In this case add this part here. With the example before, add "P" or "FOLD".

7

Identify side

Front ☐ Even
 Back ☐ Even

Side indicator. It could be "_F / _B" or "_Front / _Back" or "A / B" etc.

When there is no such indicator but the sheet number identifies the side, select from the check box either %Even% or %Uneven% for the sides.

8

Samples

```
Jobname_001_Front / Jobname_001_Back
Jobname_1A / Jobname_1B
Jobname_1A / Jobname_2A
Jobname_001 / Jobname_002 (Front = uneven page nr, Back = even page nr)
Jobname_001_IGNORE / Jobname_002_IGNORE (Front = uneven page nr, Back = even page nr)
Jobname_001_IGNORE_IGNORE / Jobname_002_IGNORE_IGNORE
```

A list with samples. Select one with a click on the name.

9

Return to XML Connector

[1.7.3.4. XML Connector - Prepress connection](#)

1.7.4. InkZoneLoop settings

The screenshot shows the InkZoneLoop settings interface. The top bar includes 'Printing conditions' and 'Connected modules'. Below this are tabs for 'PRESS CONNECTIONS', 'IZLOOP', and 'SYSTEM'. The left sidebar has four main sections: 'Density tolerance' (1), 'Regulation setup' (2), 'Advanced setting' (3), and 'Regulation sets' (4). The 'Density tolerance' section contains buttons for 'Density tolerance', 'MakeReady regulation', 'Print regulation', and 'Advanced'. The 'Regulation setup' section contains buttons for 'MakeReady regulation' and 'Print regulation'. The 'Advanced setting' section contains a button for 'Advanced'. The 'Regulation sets' section contains a button for 'Regulation sets'. The main area displays a table of settings for different colors.

| | Threshold | | Density tolerance | | Minimum key opening |
|---------|-----------|----------|-------------------|------|---------------------|
| | Low key | High key | Low | High | |
| Black | 8 | 15 | 0.05 | 0.05 | 3 |
| Cyan | 8 | 15 | 0.05 | 0.05 | 3 |
| Magenta | 8 | 15 | 0.05 | 0.05 | 3 |
| Yellow | 8 | 15 | 0.05 | 0.05 | 3 |
| spot | 8 | 15 | 0.05 | 0.05 | 3 |

The bottom status bar shows 'v8.0.92.0 3257' and 'IZLoopConnect' with a UK flag icon.

1

Density tolerance

Density tolerance

Setup for the density tolerances from scan measurement

2

Regulation setup

MakeReady regulation

Print regulation

Color-control setup for regulation in mode MakeReady and Print

3

Advanced setting

Advanced

Further settings

4

Regulation sets

Access and manage the InkZoneLoop regulation sets.

1.7.4.1. Density tolerance

4 Return to InkZoneLoop setting

Low and High ink-key 1

Density tolerance 2

Minimum opening 3

4 Return to InkZoneLoop setting

| | Threshold | | Density tolerance | | Minimum key opening |
|---------|-----------|----------|-------------------|------|---------------------|
| | Low key | High key | Low | High | |
| Black | 8 | 15 | 0.05 | 0.05 | 3 |
| Cyan | 8 | 15 | 0.05 | 0.05 | 3 |
| Magenta | 8 | 15 | 0.05 | 0.05 | 3 |
| Yellow | 8 | 15 | 0.05 | 0.05 | 3 |
| spot | 8 | 15 | 0.05 | 0.05 | 3 |

v8.0.94.0 3257 IZLoopConnect

1

Low and High ink-key

| Threshold | |
|-----------|----------|
| Low key | High key |
| 8 | 15 |

Definition for Low-key , High-key and transition ink-key range. Each range holds the parameters for:

- Density tolerance
- Minimum ink key opening
- Regulation constant MakeReady Mode
- Regulation constant Print Mode
- Over inked compensation MakeReady Mode
- Over inked compensation Print Mode

2

Density tolerance

| Density tolerance | |
|-------------------|------|
| Low | High |
| 0.05 | 0.05 |

When the measured density is out of the density tolerance value, InkZoneLoop applies the correction to reach the target density.

Therefore, an ink-key within the tolerance is not regulated.

3

Minimum openingMinimum key
opening

3

Minimum opening of an ink-key during color-control. The opening value is respected even though the density for this ink-key is too high (regulation down).

4

Return to InkZoneLoop setting[1.7.4. InkZoneLoop settings](#)

1.7.4.2. MakeReady regulation

4 Return to InkZoneLoop setting

The screenshot shows the InkZoneLoop software interface. The main content area displays the 'IZLOOP' tab, which contains a table of regulation parameters. The table has columns for 'Threshold' (Low key, High key), 'Regulation constant' (Low, High), and 'Over inked compensation'. The rows represent different ink colors: Black, Cyan, Magenta, Yellow, and spot. The values for each parameter are: Black (8, 15, 75, 130, 0.6), Cyan (8, 15, 75, 130, 0.6), Magenta (8, 15, 75, 130, 0.6), Yellow (8, 15, 75, 130, 0.6), and spot (8, 15, 75, 130, 0.6). Callouts 1, 2, and 3 point to the 'Threshold', 'Regulation', and 'Over inked' columns respectively. Callout 4 points to the 'Return to InkZoneLoop setting' button in the top right corner.

| | Threshold | | Regulation constant | | Over inked compensation |
|---------|-----------|----------|---------------------|------|-------------------------|
| | Low key | High key | Low | High | |
| Black | 8 | 15 | 75 | 130 | 0.6 |
| Cyan | 8 | 15 | 75 | 130 | 0.6 |
| Magenta | 8 | 15 | 75 | 130 | 0.6 |
| Yellow | 8 | 15 | 75 | 130 | 0.6 |
| spot | 8 | 15 | 75 | 130 | 0.6 |

1 Threshold

| Threshold | |
|-----------|----------|
| Low key | High key |
| 8 | 15 |

Definition for Low-key , High-key and transition ink-key range. Each range holds the parameters for:

- Density tolerance
- Minimum ink key opening
- Regulation constant MakeReady Mode
- Regulation constant Print Mode
- Over inked compensation MakeReady Mode
- Over inked compensation Print Mode

2 Regulation

| Regulation constant | |
|---------------------|------|
| Low | High |
| 75 | 130 |

A higher regulation value results in a more aggressive ink-key regulation.
Applies when job is in make-ready mode.

3

Over inked

A value lower than 1 applies smoother regulation to over-inked ink-keys to avoid oscillation.
Applies when job is in make-ready mode.

4

Return to InkZoneLoop setting

[1.7.4. InkZoneLoop settings](#)

1.7.4.3. Print regulation

4 Return to InkZoneLoop setting

Printing conditions | **Connected modules**

PRESS CONNECTIONS | **IZLOOP** | **SYSTEM**

Density tolerance
MakeReady regulation
Print regulation
Advanced

| | Threshold | | Regulation constant | | Over inked compensation |
|---------|-----------|----------|---------------------|------|-------------------------|
| | Low key | High key | Low | High | |
| Black | 8 | 15 | 65 | 120 | 0.6 |
| Cyan | 8 | 15 | 65 | 120 | 0.6 |
| Magenta | 8 | 15 | 65 | 120 | 0.6 |
| Yellow | 8 | 15 | 65 | 120 | 0.6 |
| spot | 8 | 15 | 65 | 120 | 0.6 |

Threshold 1
Regulation 2
Over inked 3

M

v8.0.94.0 3257 IZLoopConnect

1

Threshold

| Threshold | |
|-----------|----------|
| Low key | High key |
| 8 | 15 |

Definition for Low-key , High-key and transition ink-key range. Each range holds the parameters for:

- Density tolerance
- Minimum ink key opening
- Regulation constant MakeReady Mode
- Regulation constant Print Mode
- Over inked compensation MakeReady Mode
- Over inked compensation Print Mode

2

Regulation

| Regulation constant | |
|---------------------|------|
| Low | High |
| 65 | 120 |

A higher regulation value results in a more aggressive ink-key regulation.
Applies when job is in production mode.

3

Over inkedOver inked
compensation

0.6

A value lower than 1 applies smoother regulation to over-inked ink-keys to avoid oscillation.
Applies when job is in production mode.

4

Return to InkZoneLoop setting[1.7.4. InkZoneLoop settings](#)

1.7.4.4. Advanced settings

10 Return to InkZoneLoop setting

Use with IZMove 1

Use with IZReport 2

Create JDF 3

JDF path 4

Use IZCockpit 5

Auto transfer 6

Auto return 7

BestMatch setup 8

Regulation adjustment 9

Printing conditions

Connected modules

PRESS CONNECTIONS

IZLOOP

SYSTEM

Density tolerance

MakeReady regulation

Print regulation

Advanced

Enable modules

Enable InkzoneMove

Enable IZReports

Enable JDF

JDF path

Scan options

Immediate update of ink keys after each scan

Auto return to IZLoop

seconds

Colorcontrol

BM Plus mode. Use target when DeltaE lower then

Colorcontrol adjustment step

v8.0.92.0 3257

IZLoopConnect

1

Use with IZMove

Enable InkzoneMove

Enable when InkZoneMove is the scanning software.

2

Use with IZReport

Enable IZReports

Enable when a 3rd party software is the scanning software.

3

Create JDF

Enable JDF

Enable JDF job setup for 3rd party scanning software.

4

JDF path

JDF path

Select here the JDF export path. See here: [JDF export - setup](#)

5

Use IZCockpit

Enable IZCockpit

Enable when a 3rd party software is the scanning software.

6

Auto transfer

Immediate update of ink keys after each scan



The ink-key correction is sent automatically to press console after receiving new measurement data.

7

Auto return

Auto return to IZLoop



seconds

30

Return to InkZoneLoop screen, in seconds. Useful setting when InkZoneLoop is in background and new measurements are required to be processed.

8

BestMatch setup

BM Plus mode. Use target when DeltaE lower then

2.5



Set BestMatch density to measurement with lowest DeltaE. The DeltaE has to be lower than the value set here.

9

Regulation adjustment

Colorcontrol adjustment step

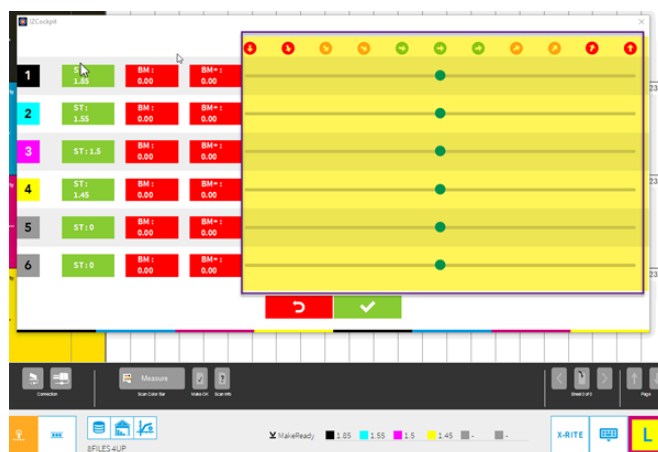
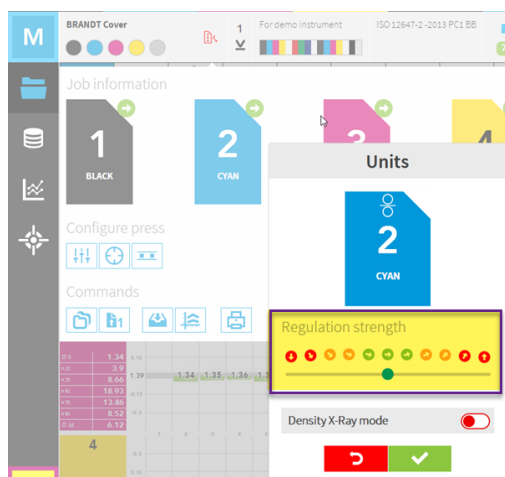
16



Step width applied to the regulation parameter when colorcontrol parameter is changed from InkZoneMove or InkZoneCockpit.

InkZoneMove - change regulation strength

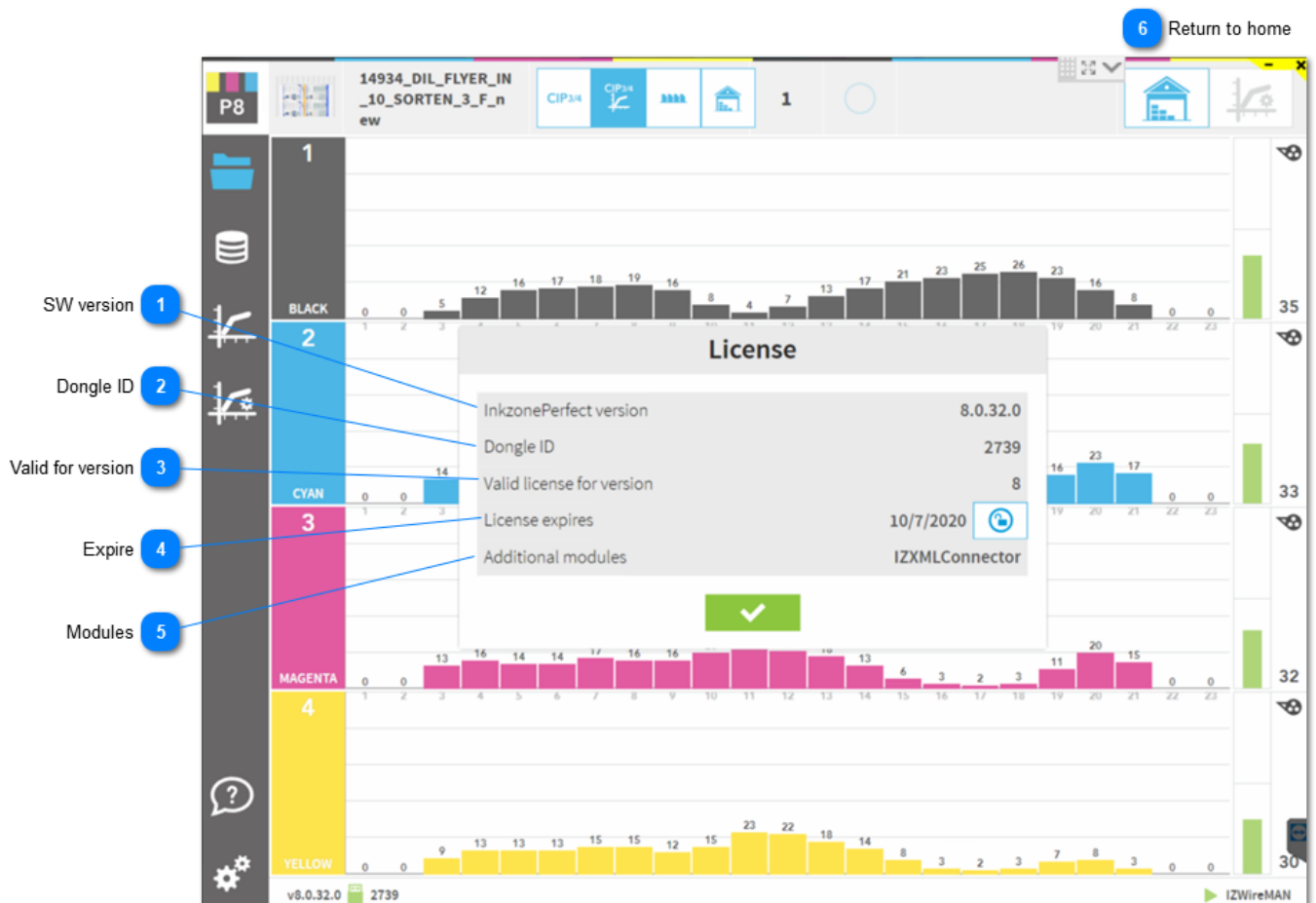
InkZoneCockpit - change regulation strength



10

Return to InkZoneLoop setting1.7.4. InkZoneLoop settings

1.8. License



1 SW version

InkzonePerfect version

Displays the current installed software version.

2 Dongle ID

Dongle ID

Displays the hardware dongle ID.

3 Valid for version

Valid license for version

The currently installed license is valid for shown version number.

4 Expire

License expires

License expires on the day displayed.

5 Modules

Additional modules

Shows a list with all licensed modules.

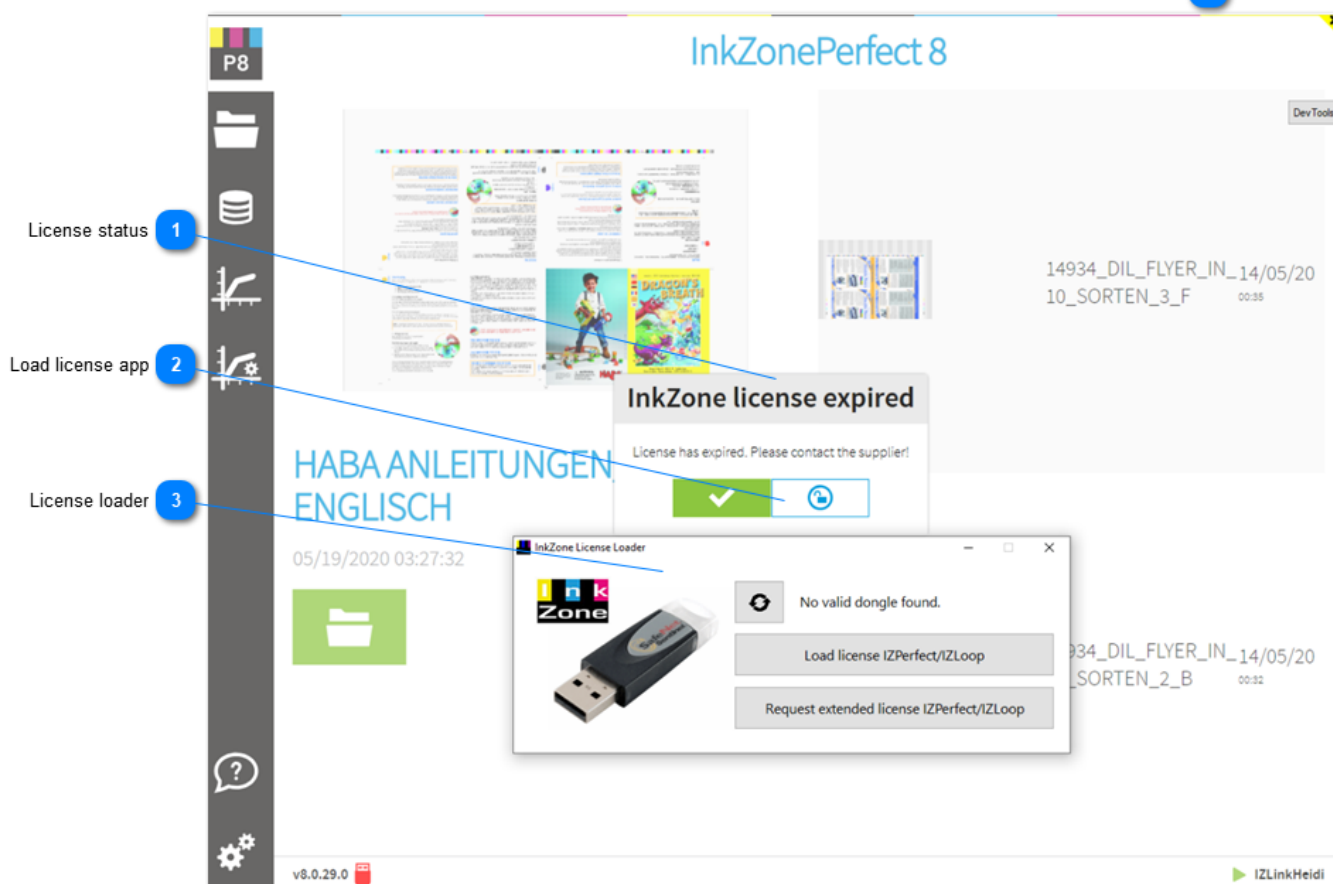


Return to home

Go to [1.1. Home](#)

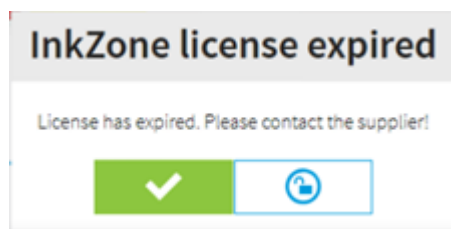
1.8.1. License loader

4 Go to home



1

License status



Current license status. Contact your dealer, distributor when the license is not valid.

2

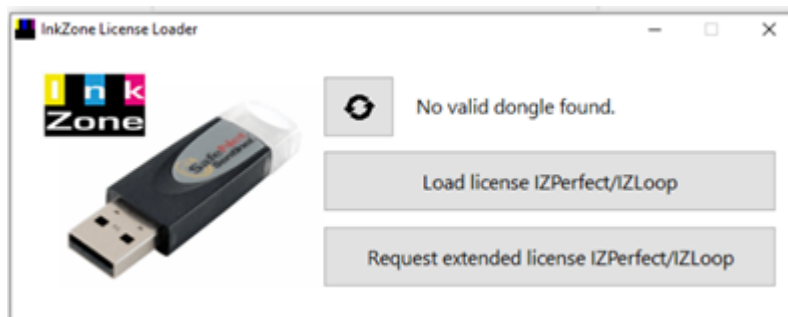
Load license app



Starts the license application.

3

License loader



License loader app.

Dongle ID: the top line shows the currently attached InkZone USB dongle. If dongle is attached and no dongle number is shown, than make sure that the correct Sentinel dongle driver is installed. Download the correct one from here: [Sentinel dongle driver](#)

Load license: load from here a new license then restart InkZone

License request: create a license request (lower button) and send it to your dealer or distributor. If you have a license file, load it with the button above and restart the application.

4

Go to home

[1.1. Home](#)

2. FAQ section

Find here a collection of frequently asked questions.

License topics

Installation topics

[InkZonePerfect - ink-preset](#)

[InkZonePerfect with InkZoneLoop - ink-preset and color-control](#)

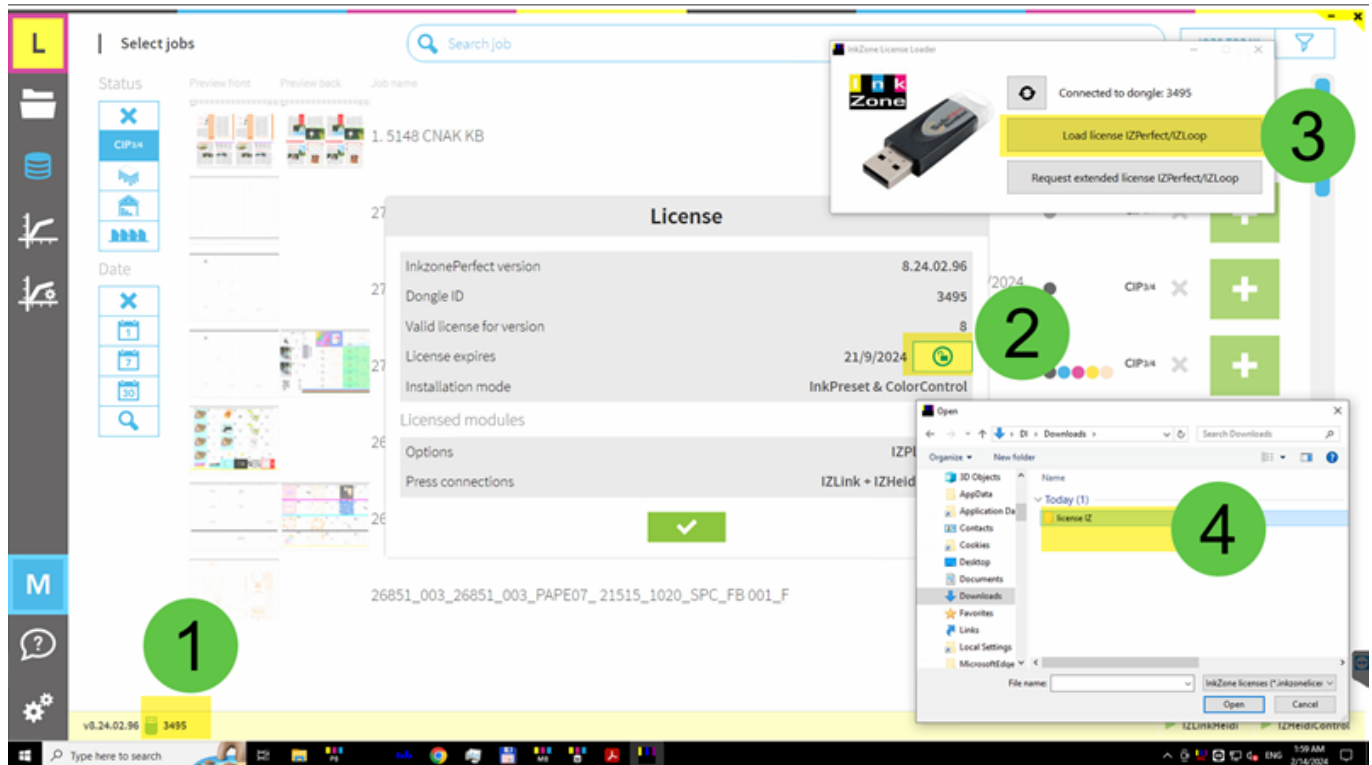
[Multiple IZ installs - share job database](#)

Configuration topics

[JDF export - setup](#)

Load license

1. Select the dongle ID
2. Start the license loader
3. Load the license
4. Select the license from the local PC



Installation steps "ink-preset" only

1. Install the unified InkZone installer [download link for Unified InkZone installer](#)
2. Run the InkZonePerfect8/10 installer
3. Start the program and install the license, see [License loader](#)
4. Configure press setting, see [press setup](#)
5. Configure press connection settings, see [press connection](#)
6. For XMLConnect user: start InkZone and configure the XMLConnector, the import module for XML/PNG data, see [XMLConnector setup](#)
7. For IZ-Plot user: configure IZ-Plot client to access the IZ-Plot server in a local setup (IZ-Plot server and client are on the same PC) or configure it for the network access
8. Import print targetsets and link them to the calibration curve, see [Import targetset](#)
9. Import CxF spot color files
10. Finish

Installation steps "ink-preset and color-control"

1. Install the unified InkZone installer [download link for Unified InkZone installer](#)
2. Run the InkZonePerfect8/10 installer
3. Start the program and install the license, see [License loader](#)
4. Configure press setting, see [press setup](#)
5. Configure press connection settings, see [press connection](#)
6. For XMLConnect user: start InkZone and configure the XMLConnector, the import module for XML/PNG data, see [XMLConnector setup](#)
7. For IZ-Plot user: configure IZ-Plot client to access the IZ-Plot server in a local setup (IZ-Plot server and client are on the same PC) or configure it for the network access
8. Import print targetsets and link them to the calibration curve, see [Import targetset](#)
9. Import CxF spot color files
10. Import print targetsets and link them to the calibration curve, see [Import targetset](#)

When used with InkZoneMove:

9. Activate InkZoneMove in [advanced settings](#) of InkZoneLoop
10. Start InkZoneMove and activated in the press configuration the press previously created in InkZonePerfect
11. Link the targetset to the calibration curve from InkZonePerfect
12. Activate InkZonePerfect and InkZoneLoop in the system setup of InkZoneMove

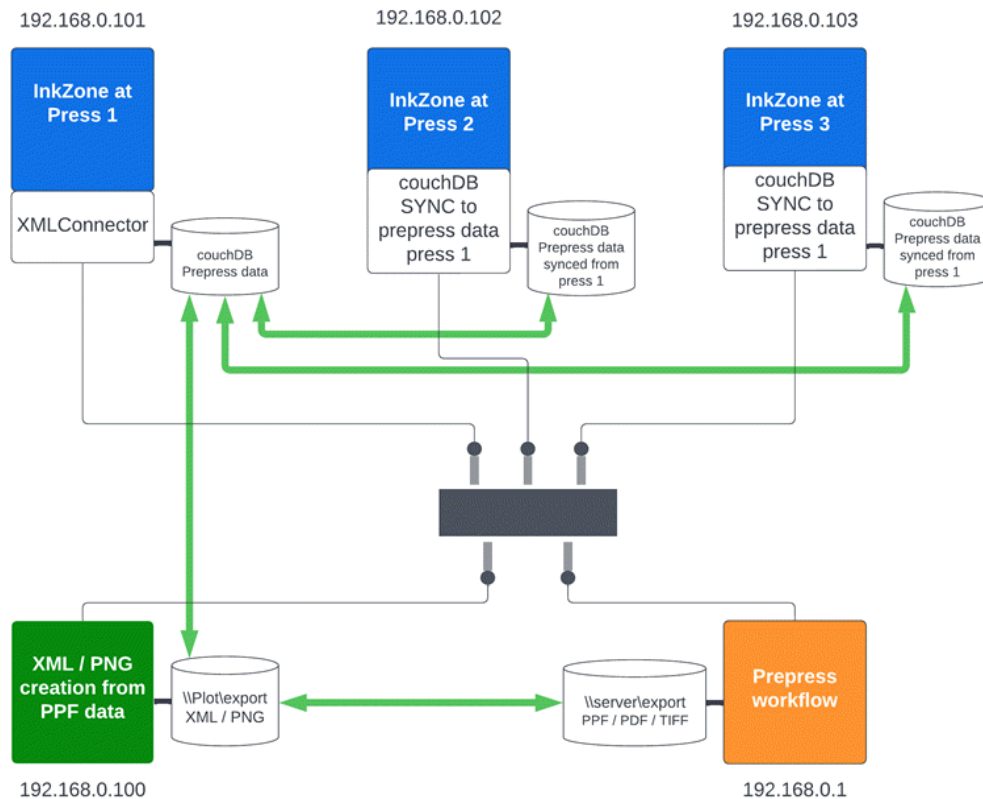
When used with 3rd party scanning software:

9. Activate IZCockpit in [advanced settings](#) of InkZoneLoop
10. Install IZCockpit
11. Configure IZCockpit, select the hotfolder input folder for the export data SVF, XML etc
12. Configure the 3rd party software to export the scan data to the hotfolder created at #11

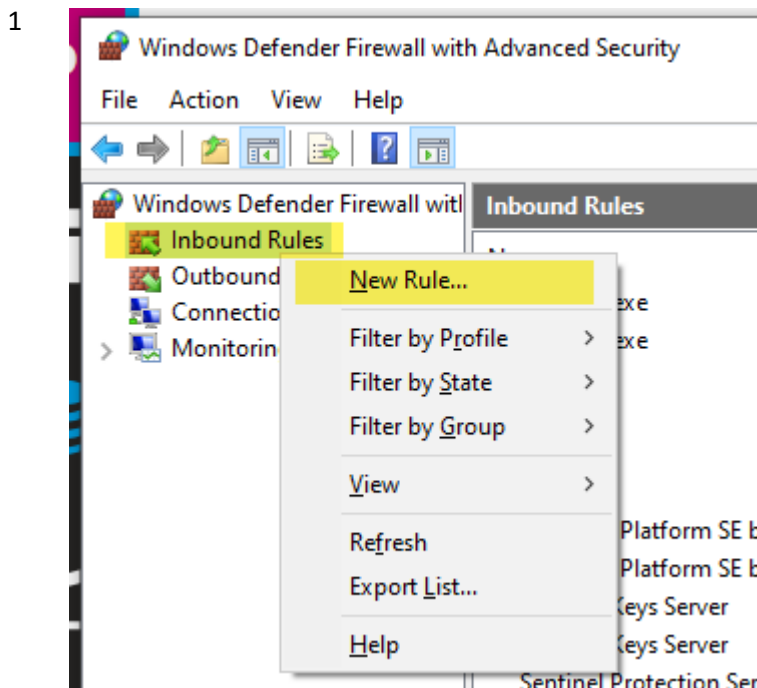
Multiple IZ installs - share job database

In an press room where two ore more identical presses (same size and number of ink-keys) are running, the sharing of the InkZone prepress job database becomes mandatory.

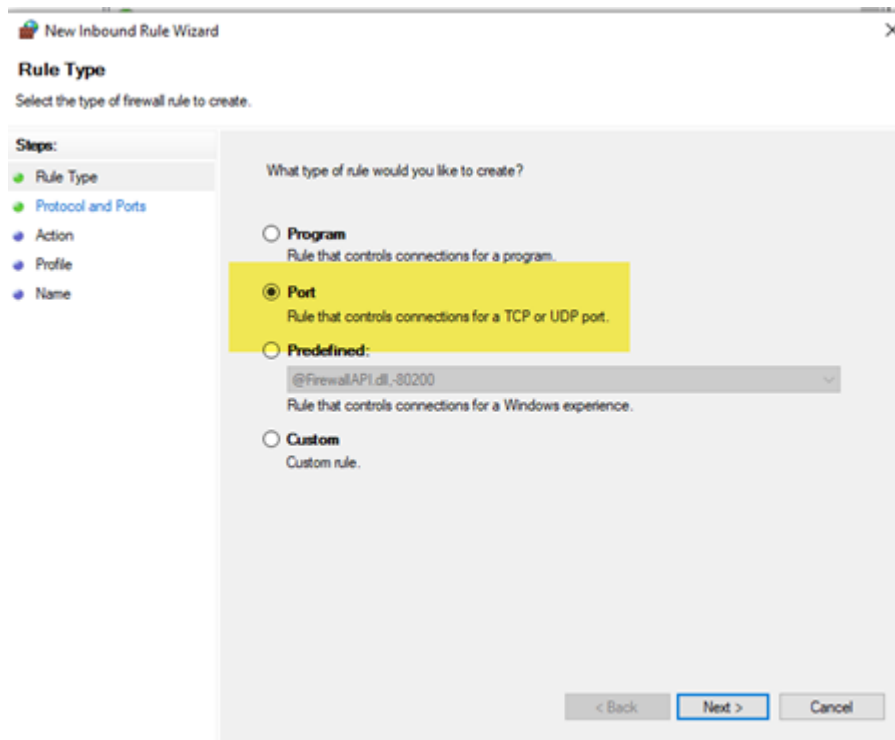
At press 1 (main InkZone PC) the XMLConnect application inserts XML and PNG into the database once and XML and PNG are deleted afterwards. At press 2 and press 3 the couchDB internal SYNC functions synchronizes to the prepress data in the couchDB at press 1.



On all the InkZone PCs, open the port 5984 in the firewall setup:



2



New Inbound Rule Wizard

Rule Type
Select the type of firewall rule to create.

Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile
- Name

What type of rule would you like to create?

☐ Program
Rule that controls connections for a program.

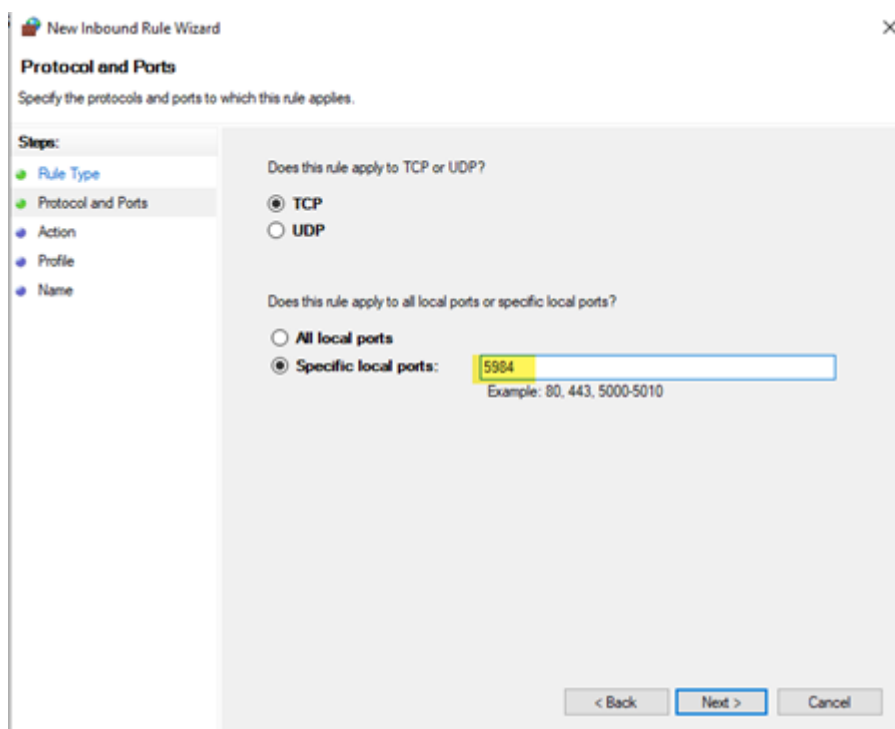
☒ Port
Rule that controls connections for a TCP or UDP port.

☐ Predefined:
@FirewallAPI.dll,-80200
Rule that controls connections for a Windows experience.

☐ Custom
Custom rule.

< Back Next > Cancel

3



New Inbound Rule Wizard

Protocol and Ports
Specify the protocols and ports to which this rule applies.

Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile
- Name

Does this rule apply to TCP or UDP?

☒ TCP

☐ UDP

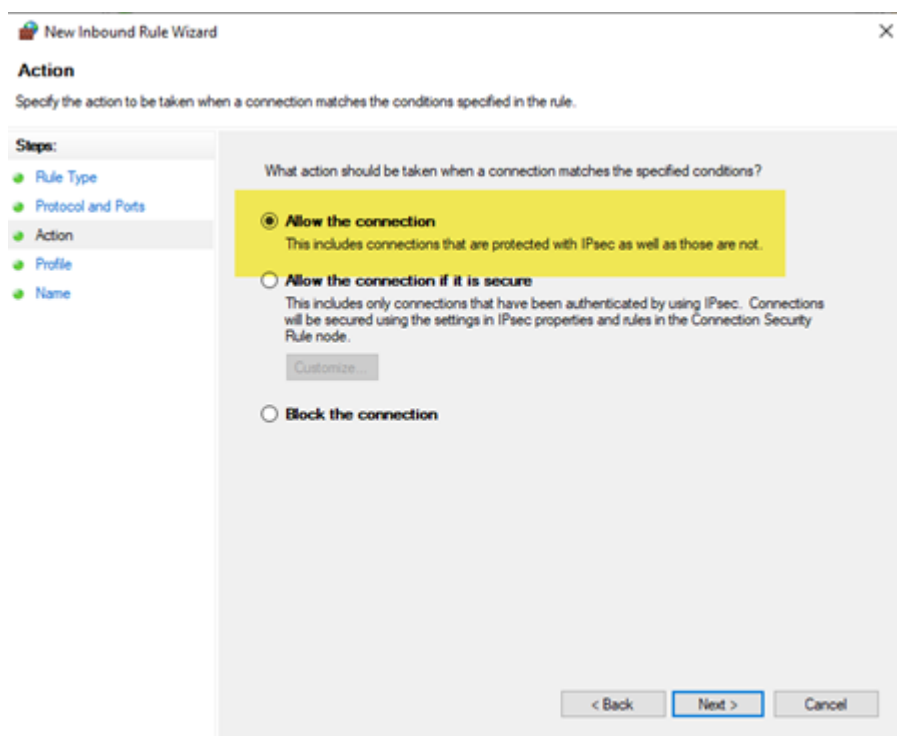
Does this rule apply to all local ports or specific local ports?

☐ All local ports

☒ Specific local ports: 5984
Example: 80, 443, 5000-5010

< Back Next > Cancel

4



New Inbound Rule Wizard

Action
Specify the action to be taken when a connection matches the conditions specified in the rule.

Steps:

- Rule Type
- Protocol and Ports
- Action**
- Profile
- Name

What action should be taken when a connection matches the specified conditions?

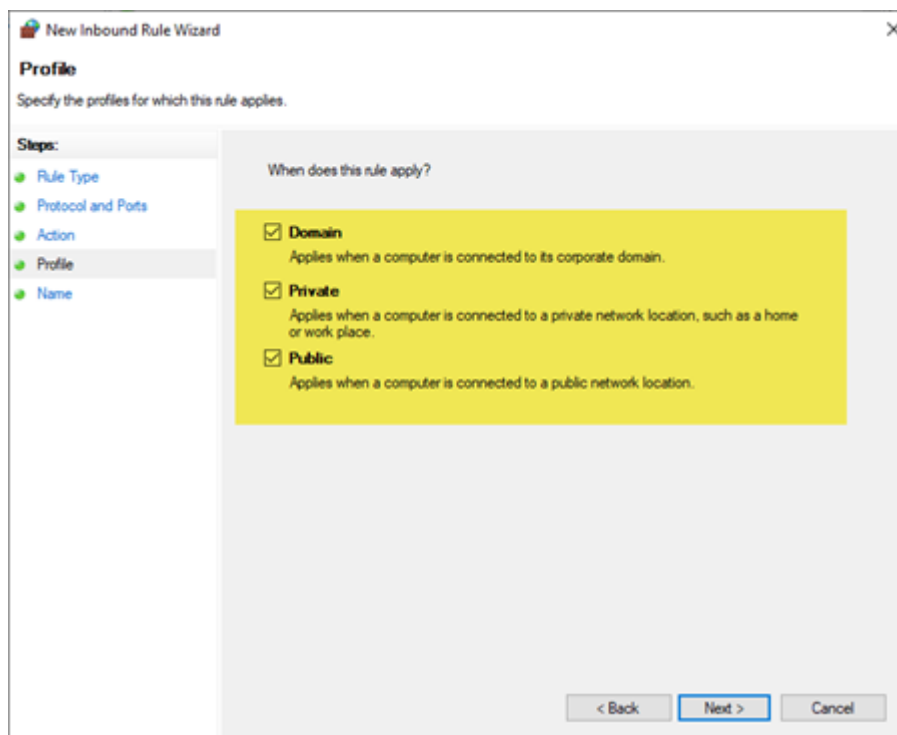
☒ **Allow the connection**
This includes connections that are protected with IPsec as well as those are not.

☐ **Allow the connection if it is secure**
This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.
[Customize...](#)

☐ **Block the connection**

< Back **Next >** Cancel

5



New Inbound Rule Wizard

Profile
Specify the profiles for which this rule applies.

Steps:

- Rule Type
- Protocol and Ports
- Action
- Profile**
- Name

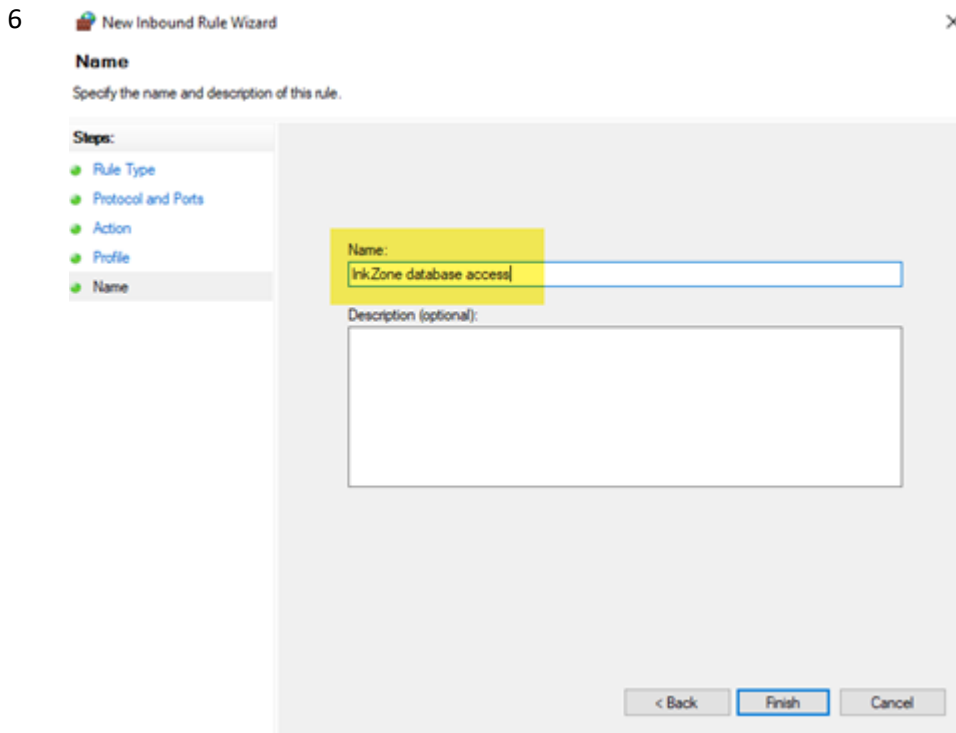
When does this rule apply?

☒ **Domain**
Applies when a computer is connected to its corporate domain.

☒ **Private**
Applies when a computer is connected to a private network location, such as a home or work place.

☒ **Public**
Applies when a computer is connected to a public network location.

< Back **Next >** Cancel



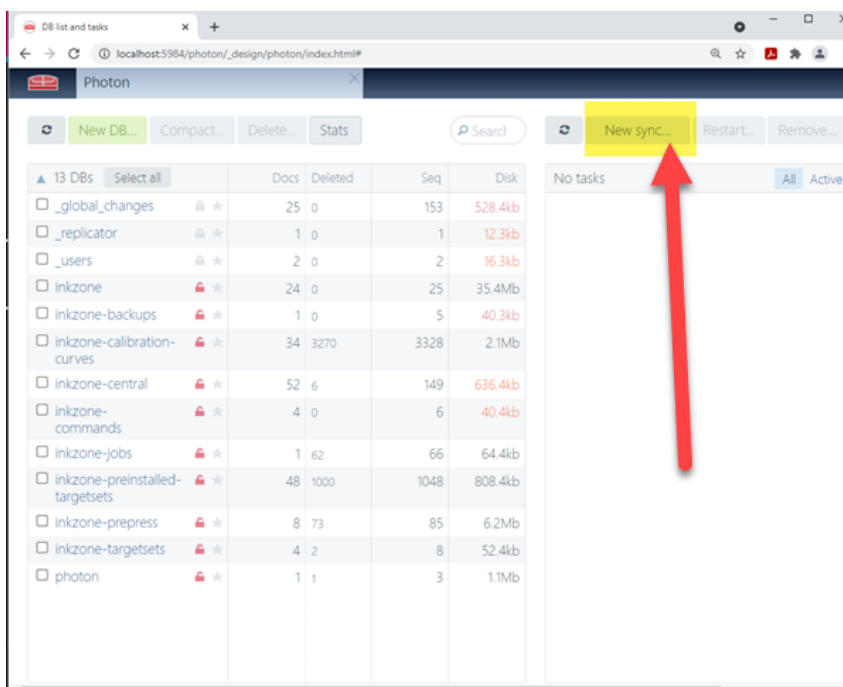
- 7 At the main InkZone PC (press 1) start InkZonePerfect8 and access the CouchDB database with:

CTRL + SHIFT + D.

Alternatively, use this link for the access:

http://localhost:5984/photon/_design/photon/index.html#

- 8 Change to the main screen and add the database replication process between the InkZone PCs:



- 9 Replication rule setup for each InkZone installation:
 Local PC = main InkZone PC (e.g. press 1)
 Remote PC = e.g. InkZone at other presses (e.g. press 2 and press 3)
 Local PC as Source : <http://192.168.0.101:5984/inkzone-prepress>
 Remote PC as Destination: <http://192.168.0.102:5984/inkzone-prepress>
 Enter the credentials (inkzone / testing) and set "Live", "Two way", "with_replicator_doc" .

Add a replication for each remote InkZone PC.

The screenshot shows the 'New replication' dialog box. The 'Sync mode' section has four options: 'Once', 'Live', 'With _replicator doc', and 'Two way'. The 'Sync name' field is 'InkZone-Prepress'. The 'Source DB' field is 'http://192.168.0.101:5984 /inkzone-prepress'. The 'Source creds' field is 'inkzone'. The 'Filter' section has five options: 'No', 'By _ids', 'Function', 'Skip _deleted', and 'Skip ddocs'. The 'Target DB' field is 'http:// 192.168.0.102:5984 /inkzone-prepress'. The 'Target creds' field is 'inkzone'. There is a checkbox for 'Create target'. At the bottom, there are three buttons: 'Create 2 docs and start', 'Cancel', and 'Clear'.

- 9 Finish

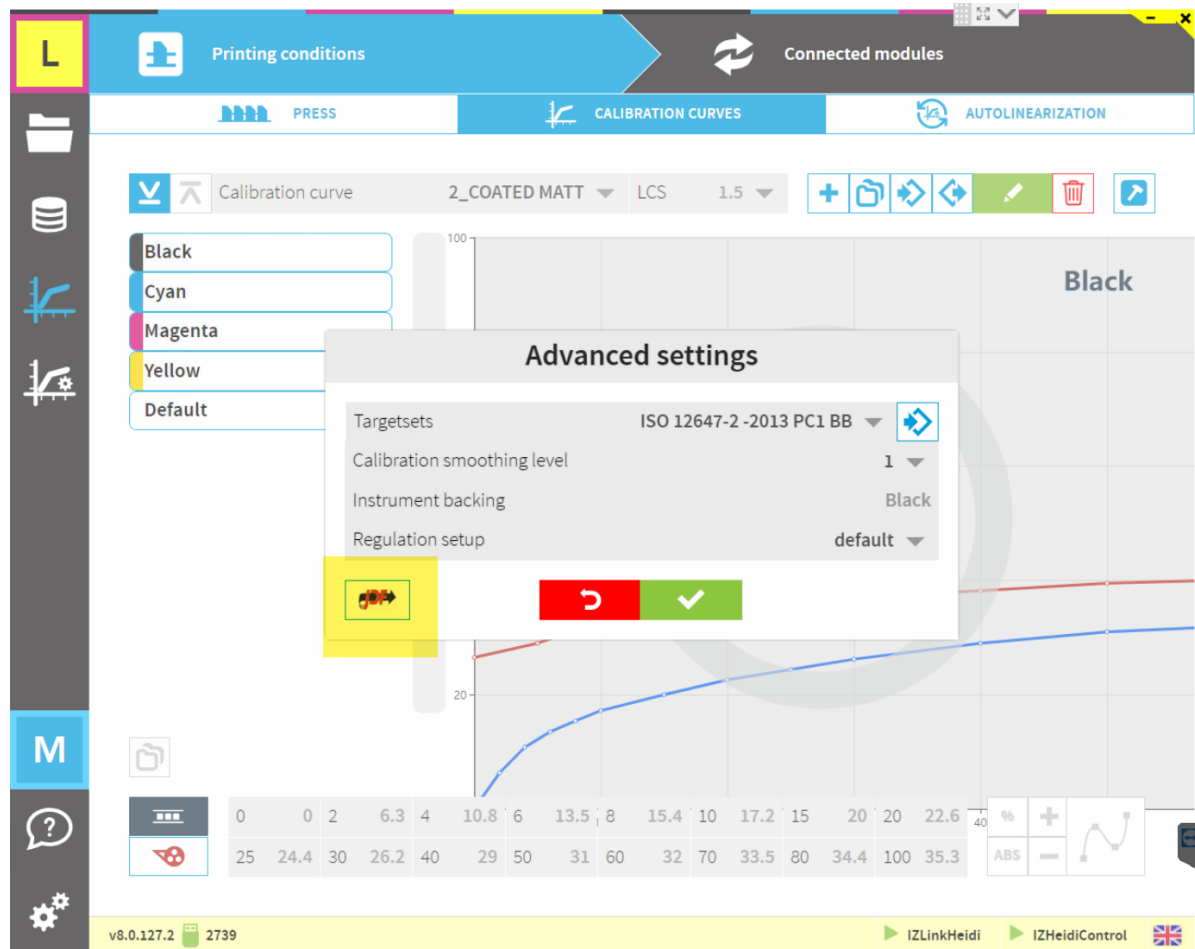
| 2 tasks | Select all | All | Active | Sync | Compaction |
|---|------------|----------------------------------|--------|------|------------|
| <input type="checkbox"/> inkzone-prepress ▼ | | | | | 2 |
| <input type="checkbox"/> <0.15139.31> | | 192.168.19.73/inkzone-prepress → | | | |
| | | 192.168.19.74/inkzone-prepress | | | |
| <input type="checkbox"/> <0.19390.31> | | 192.168.19.74/inkzone-prepress → | | | |
| | | 192.168.19.73/inkzone-prepress | | | |

JDF export - database settings

The JDF export from InkZone creates a job preparation setup file for Techkon ExPresso and X-Rite scan software.

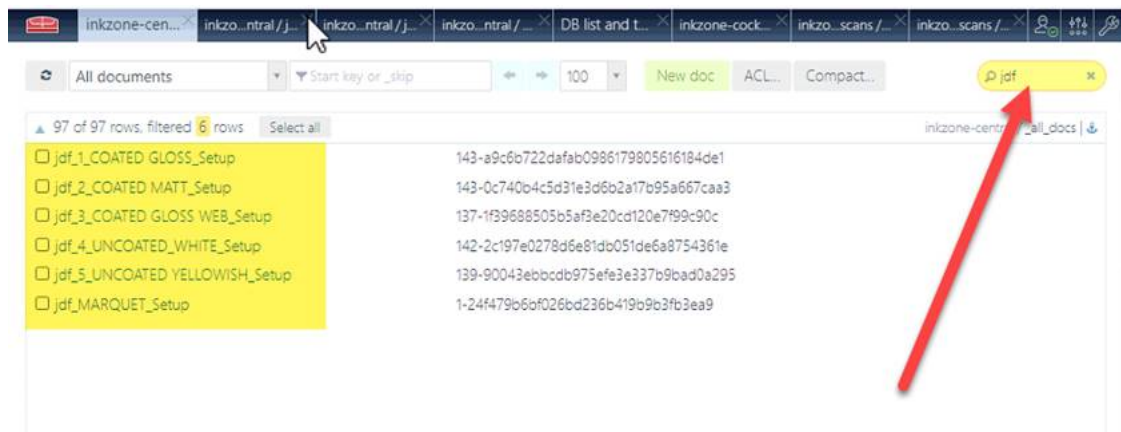
Note

From InkZone version 8.0.127 onwards, the JDF parameters can be setup in the calibration curve setup:

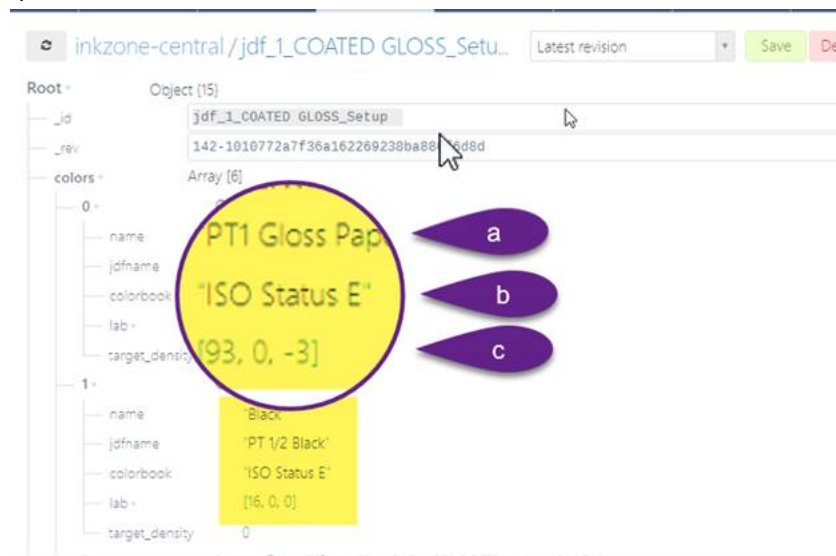


The manual setup (legacy):

1. Go to the database and login with inkzone / testing:
http://localhost:5984/photon/_design/photon/index.html#inkzone-central
2. Look for the database document starting with JDF. Apply a search like:



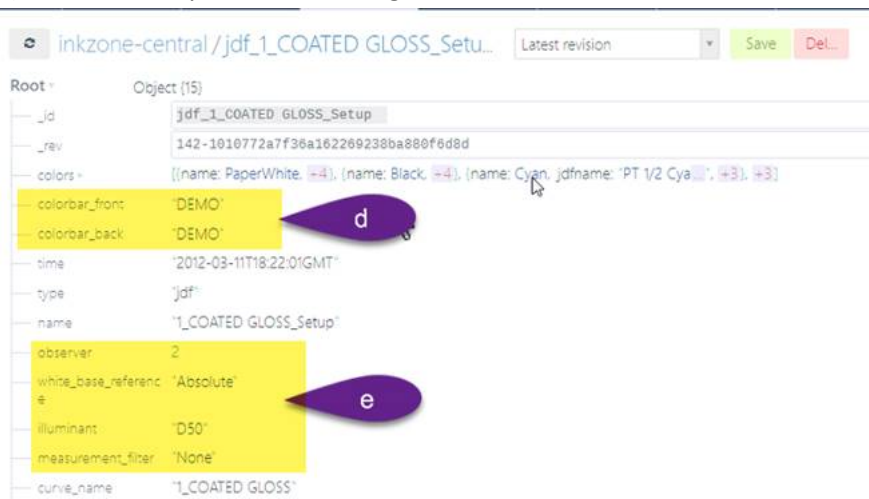
3. Edit the entries for the Paper and Black, Cyan, Magenta, Yellow and the spot color setup:
 - a) Color name within the JDF. It's the color name expected by X-Rite or Espresso software
 - b) Colorbook name
 - c) Lab values



Sample Espresso 4.2:



4. Edit the entries for the colorbar name and the scan instrument setup setup:
 - d) Colorbar front and colorbar_back
 - e) Instrument parameter settings



5. Store the changes



6. Enable JDF creation in IZLoop setting. Select the JDF export path:

