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EagleRIP Flexo

Ganging Made Easy

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Founder Information Industry is a leader in the information technology, providing comprehensive solutions, including IT services, software, hardware, and data operation.

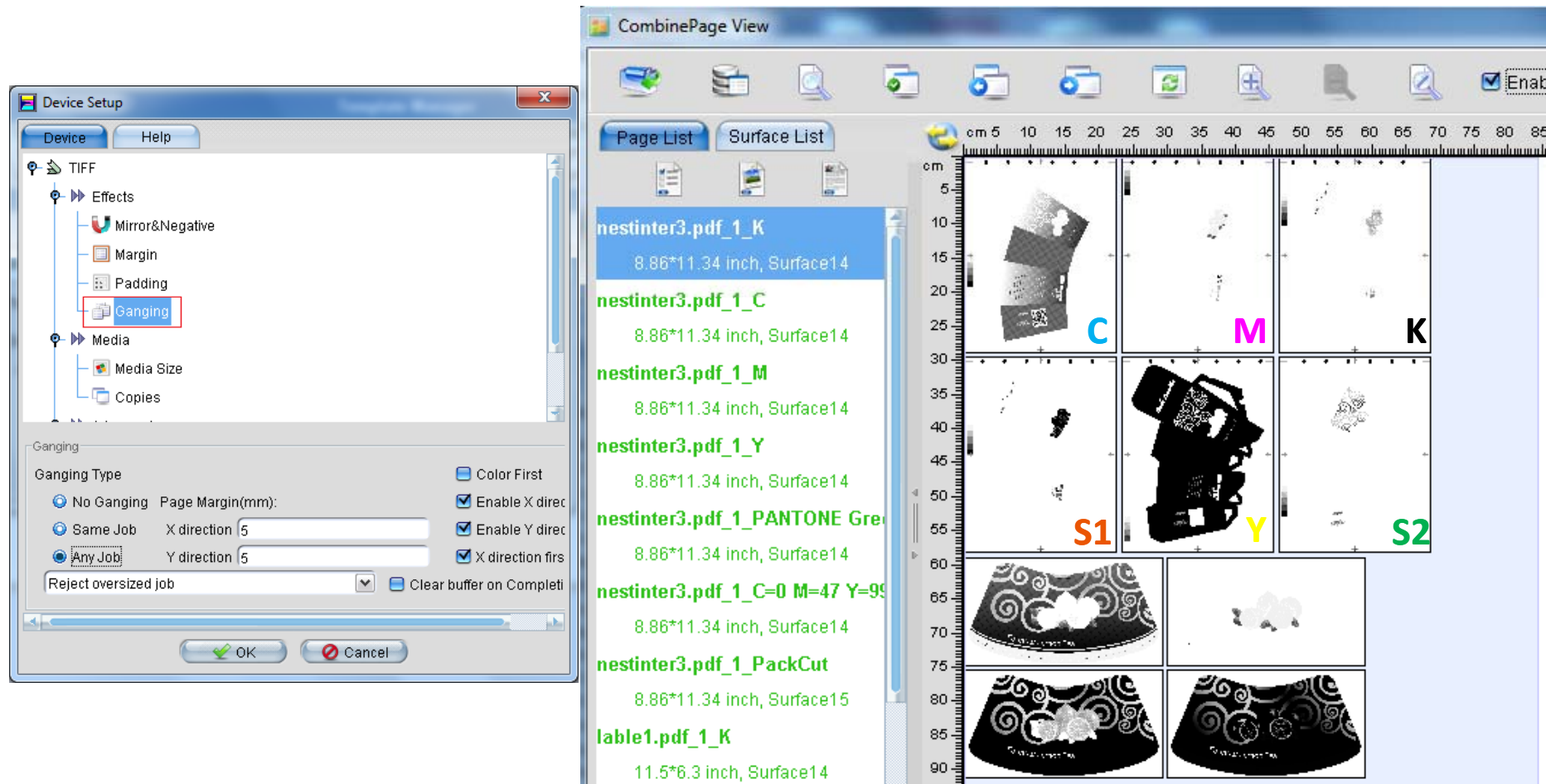
Beijing Founder Electronics CO., Ltd.

- Automatic Ganging
- Manual Ganging
 - Step & Repeat
 - Overlap and Crop
 - Rotation
 - Anchor and Alignment

Automatic Ganging

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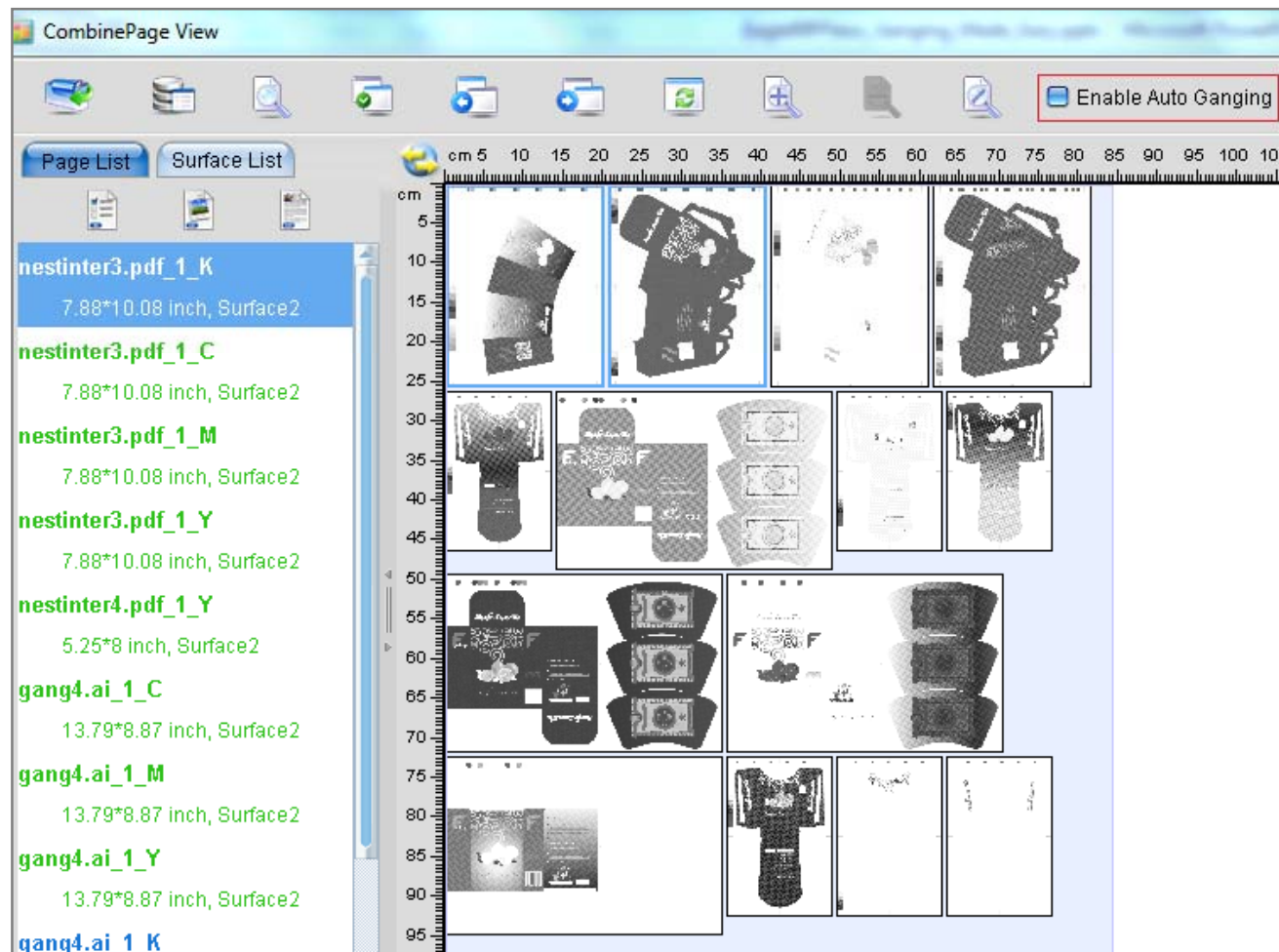
- Highly efficient to save media



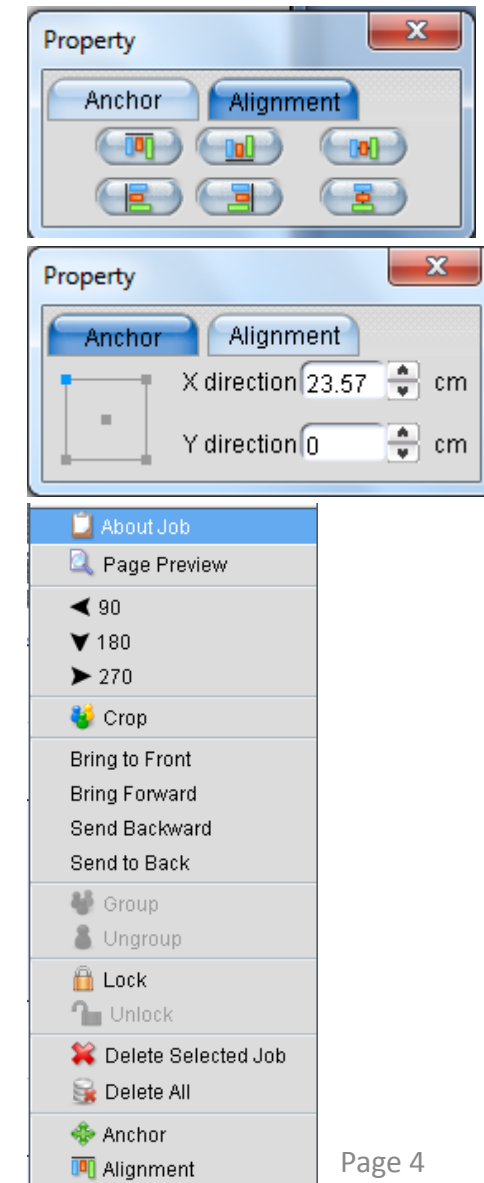
Manual Ganging

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- More flexible



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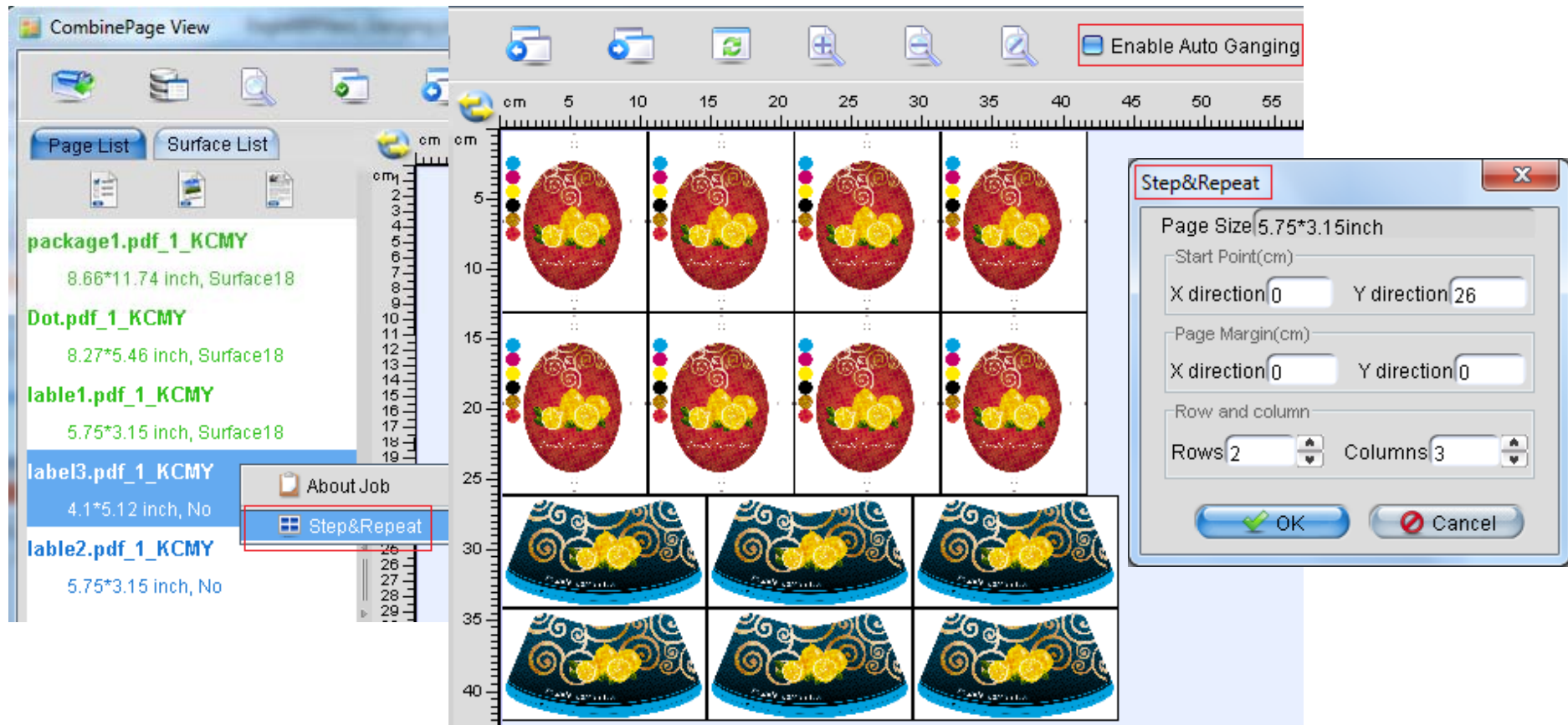


Page 4

Manual Ganging

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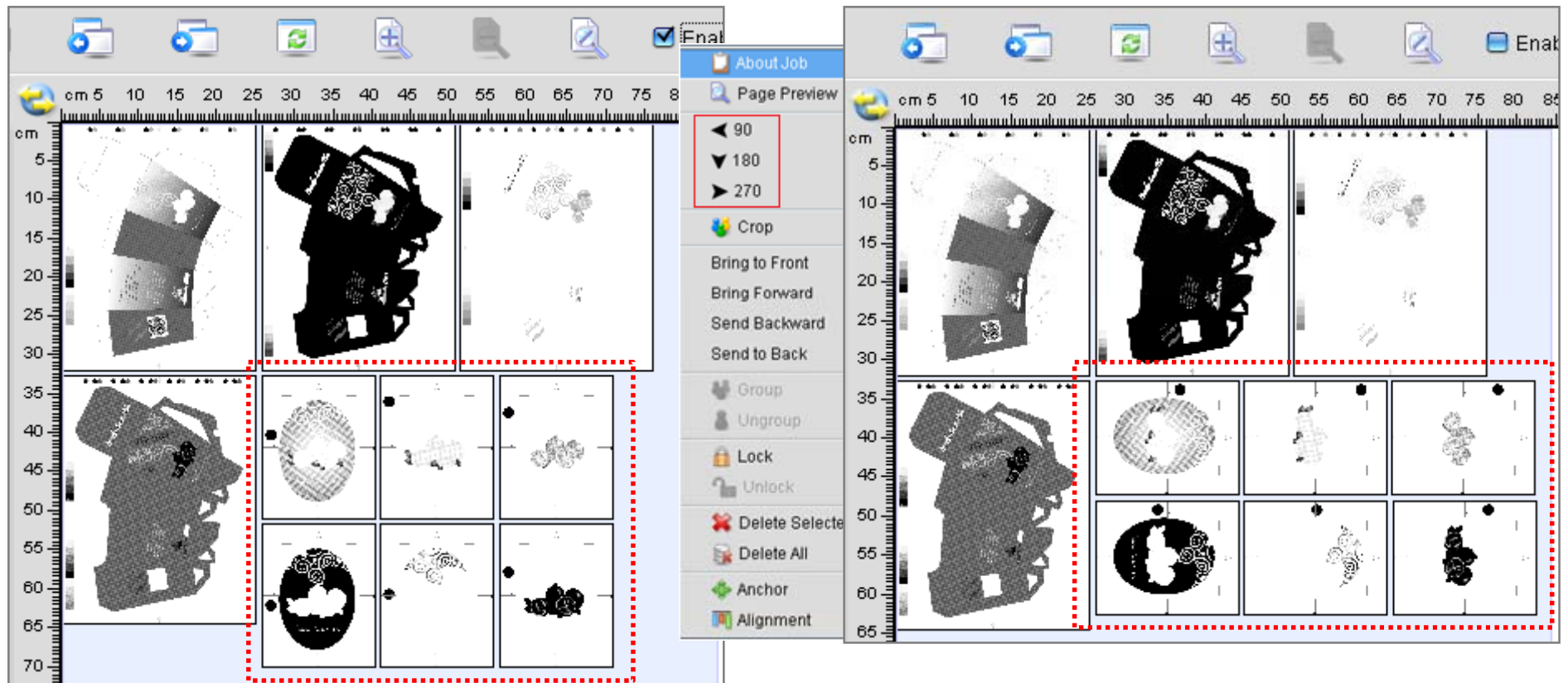
- Step & Repeat



Manual Ganging

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- Rotation



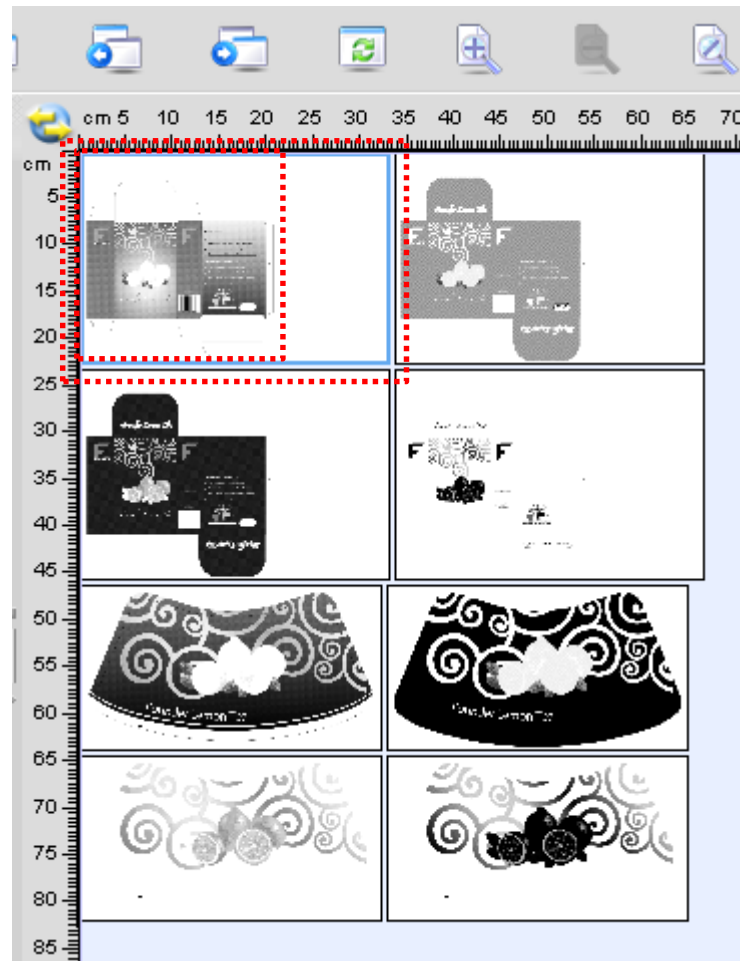
Before

After

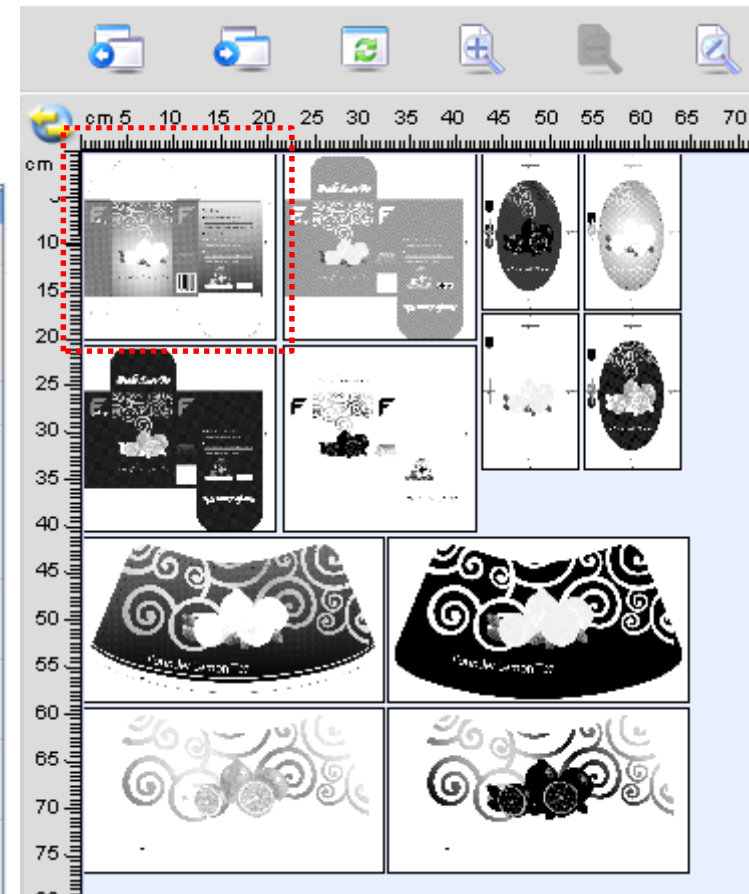
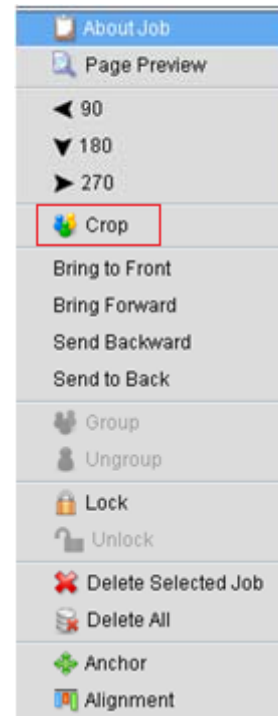
Manual Ganging

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- Crop



Before



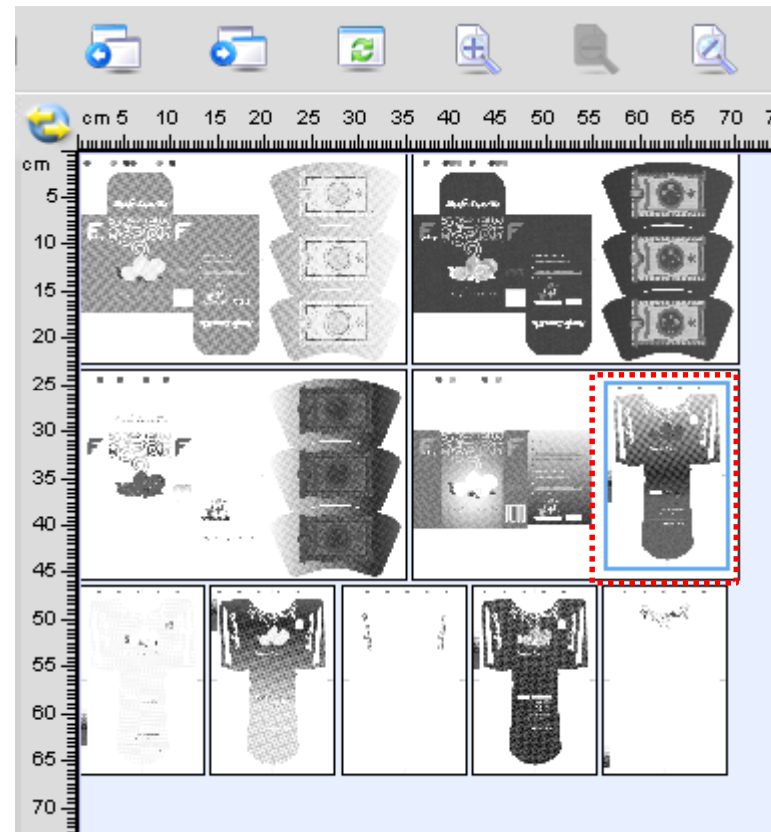
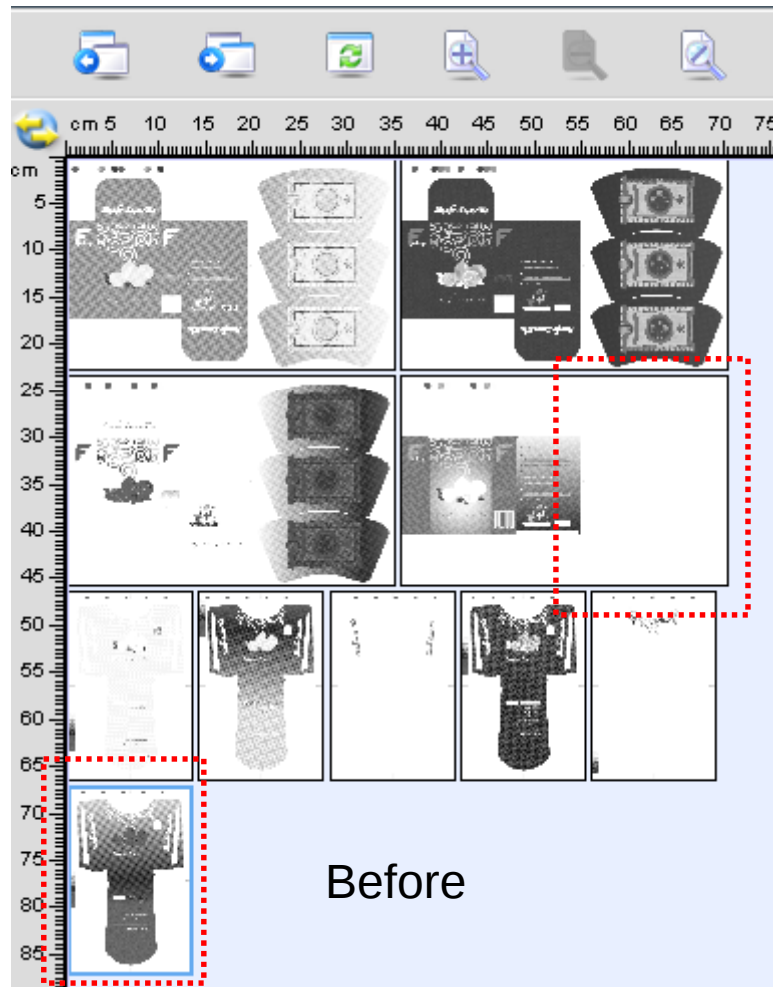
After

Save: 24%

Manual Ganging

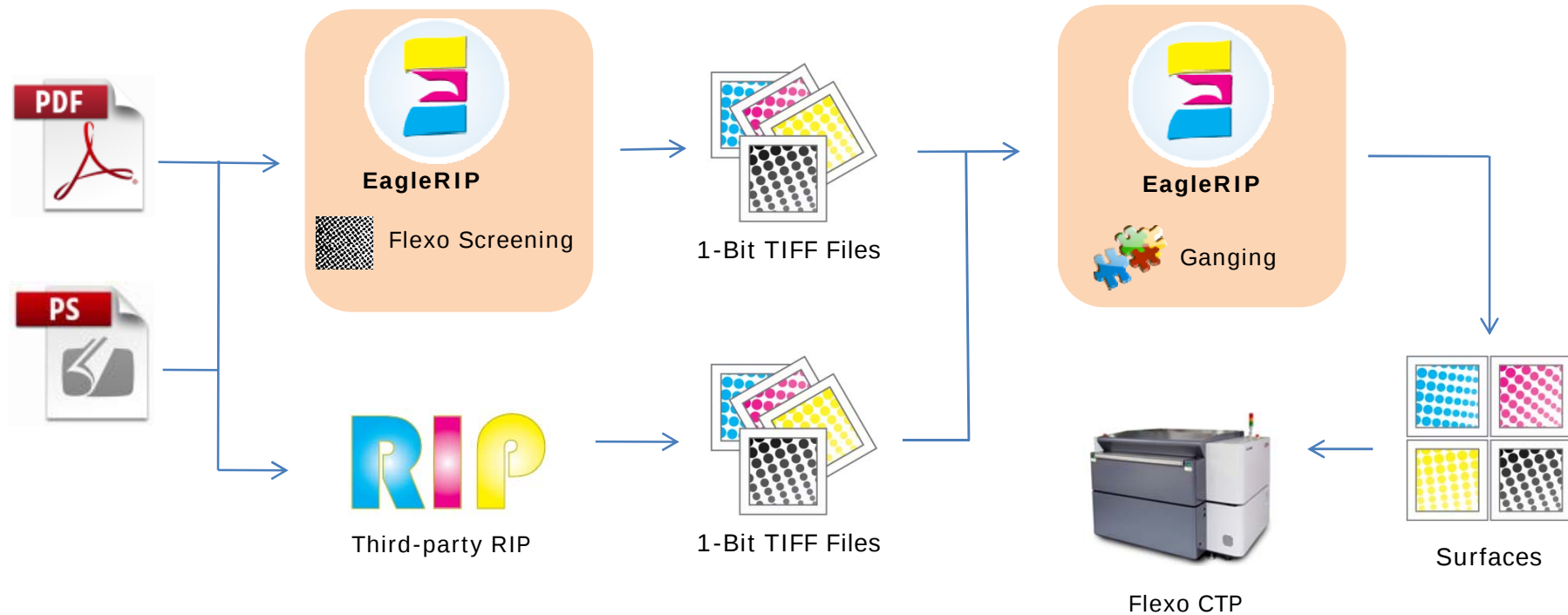
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- Overlap

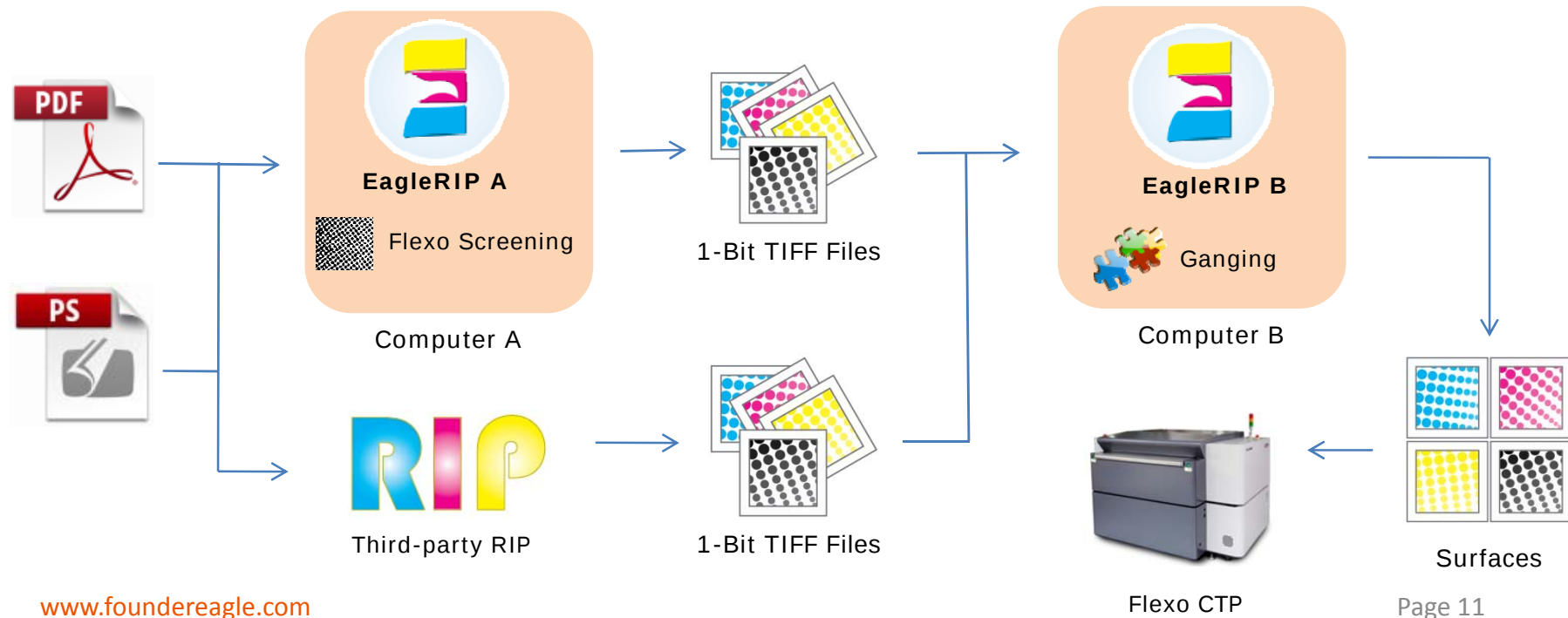


Scenario

- EagleRIP:
 - Process PS/PDF/1-Bit TIFF files
 - Ganging job
 - Generate 1-Bit TIFF surface files



- EagleRIP A:
 - Process PS/PDF file, and generate 1-Bit TIFF files
- EagleRIP B:
 - Ganging 1-Bit TIFF files from EagleRIP A or any other third-party RIP, generate 1-Bit TIFF surface files



Operation Instruction

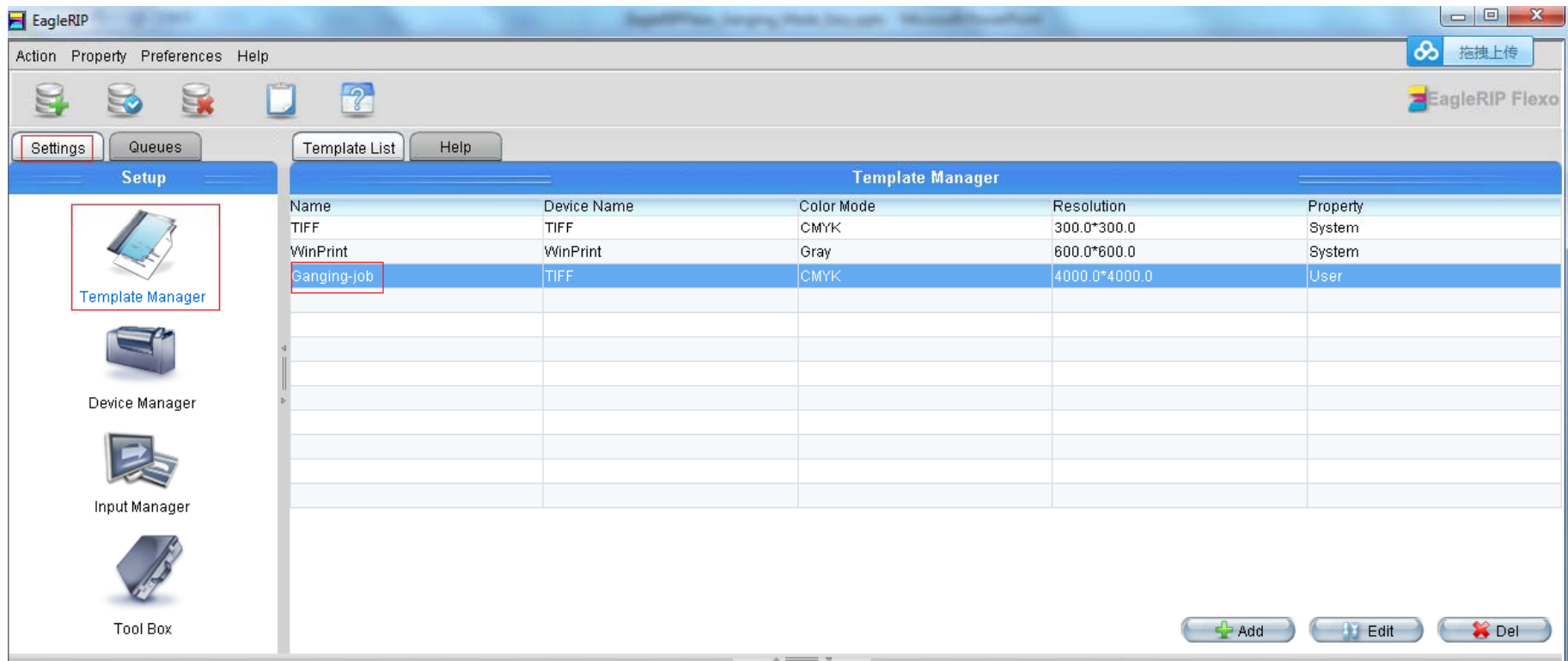
- How to setup EagleRIP in Scenario 1
- How to setup EagleRIPs in Scenario 2
- How to use Manual Ganging
- How to use Color First

How to Setup EagleRIP in Scenario 1

How to Setup EagleRIP in Scenario 1

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- Setup EagleRIP for Ganging
 - Template settings on EagleRIP



How to Setup EagleRIP in Scenario 1

- Setup EagleRIP for Ganging
 - Setup RIP parameters and make sure the same Resolution as inputted 1-Bit TIFF file

RIP Setup

Screen RIP Color Management Mark Misc Help

Resolution 4000.0*4000.0

X 4,000 Y 4,000

☒ Override frequency in job ☒ Override dot shape in job

☒ Override angles in job ☒ Precision Screening

☒ Miracle Cell

Color Mode CMYK KCMY

Pixel Bits Halftone

Halftone Levels 256

☒ Zone Screen First

Miracle Cell

Size(pixel) 0 Density(%) 0 End Value(%) 0 Type Single

Dot Size

Shadows dot size(um) 0 Highlights dot size(um) 0

Separation Setup

Output	Separation	Dot Shape	Frequency	Angle
☒	Cyan	FlexoRound 1	40.0	82.5
☒	Magenta	FlexoRound 1	40.0	52.5
☒	Yellow	FlexoRound 1	40.0	7.5
☒	Black	FlexoRound 1	40.0	22.5

Spot Color Custom Edit Setup

Calibration Curve Default Preview

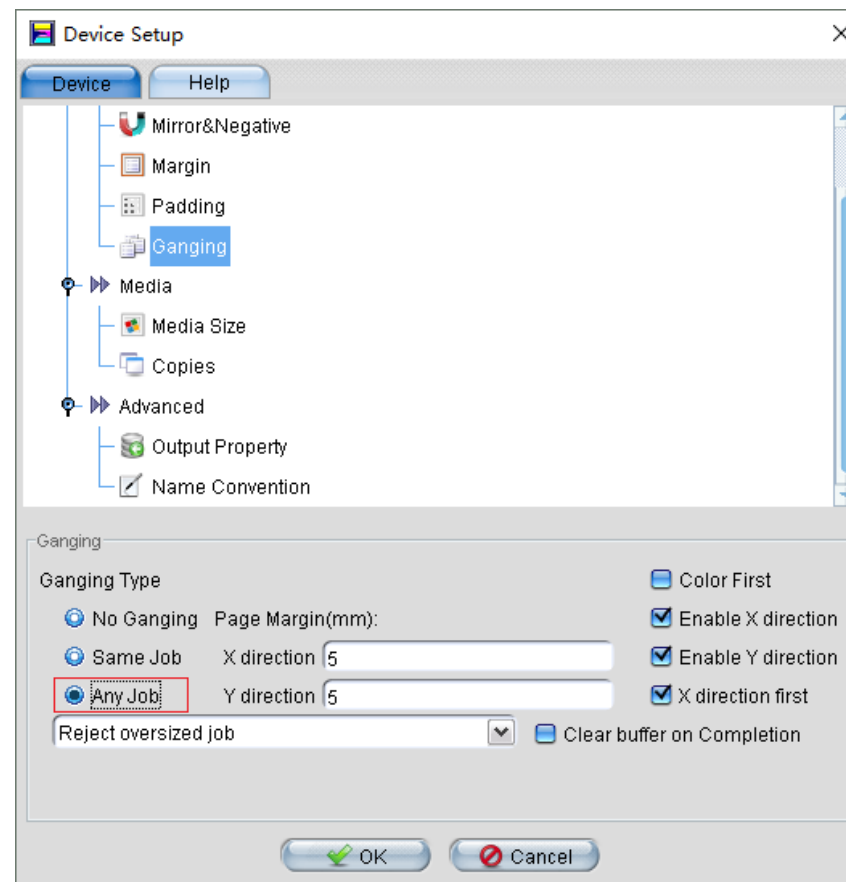
Intended Press Curve Default Preview

Actual Press Curve Default Preview

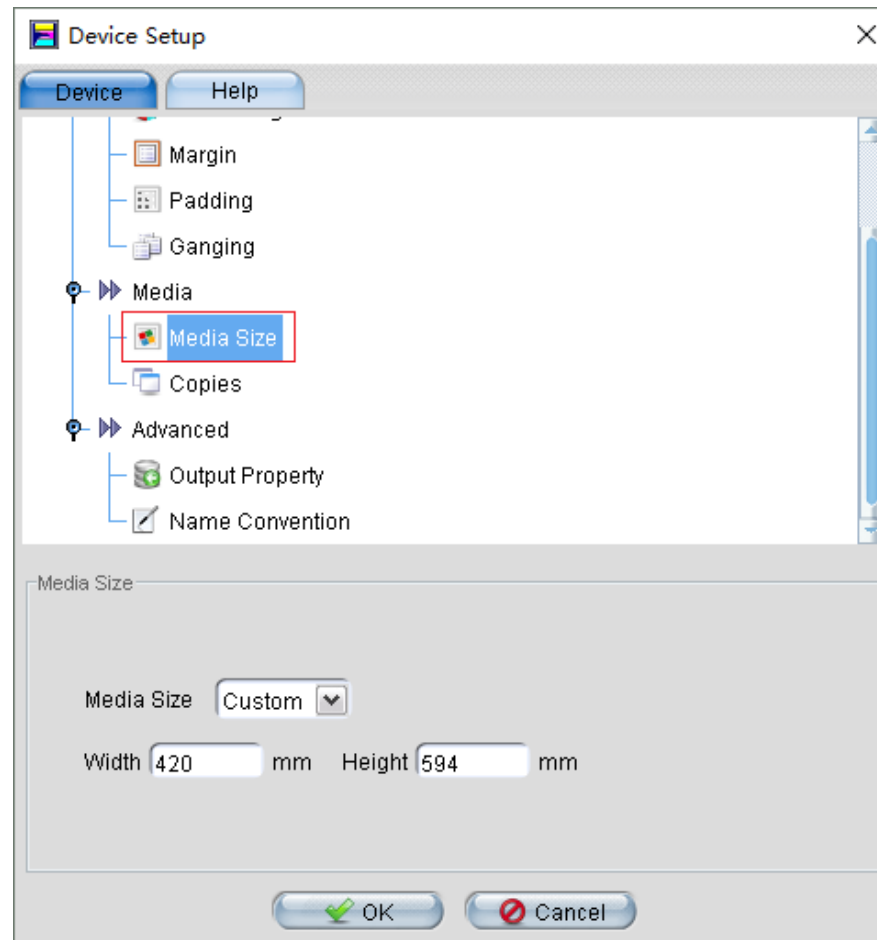
OK Cancel

How to Setup EagleRIP in Scenario 1

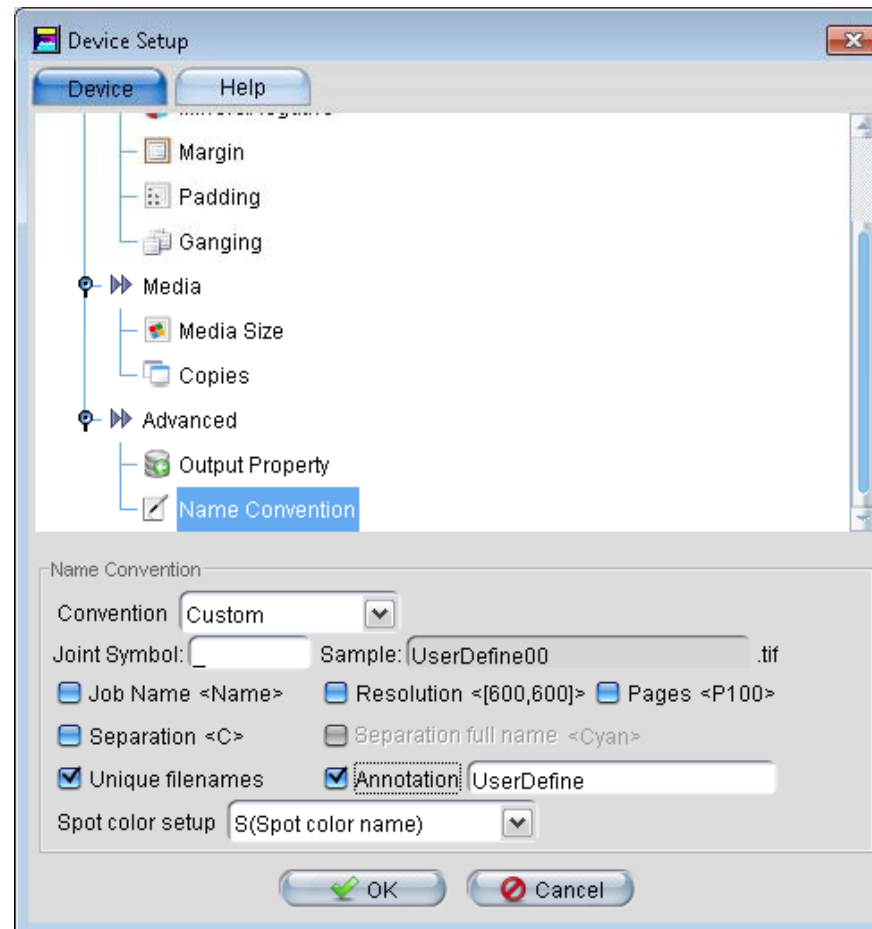
- Setup EagleRIP for Ganging
 - Set Ganging Type to “Any Job” in Template



- Setup EagleRIP for Ganging
 - Set Media Size for ganging in Template

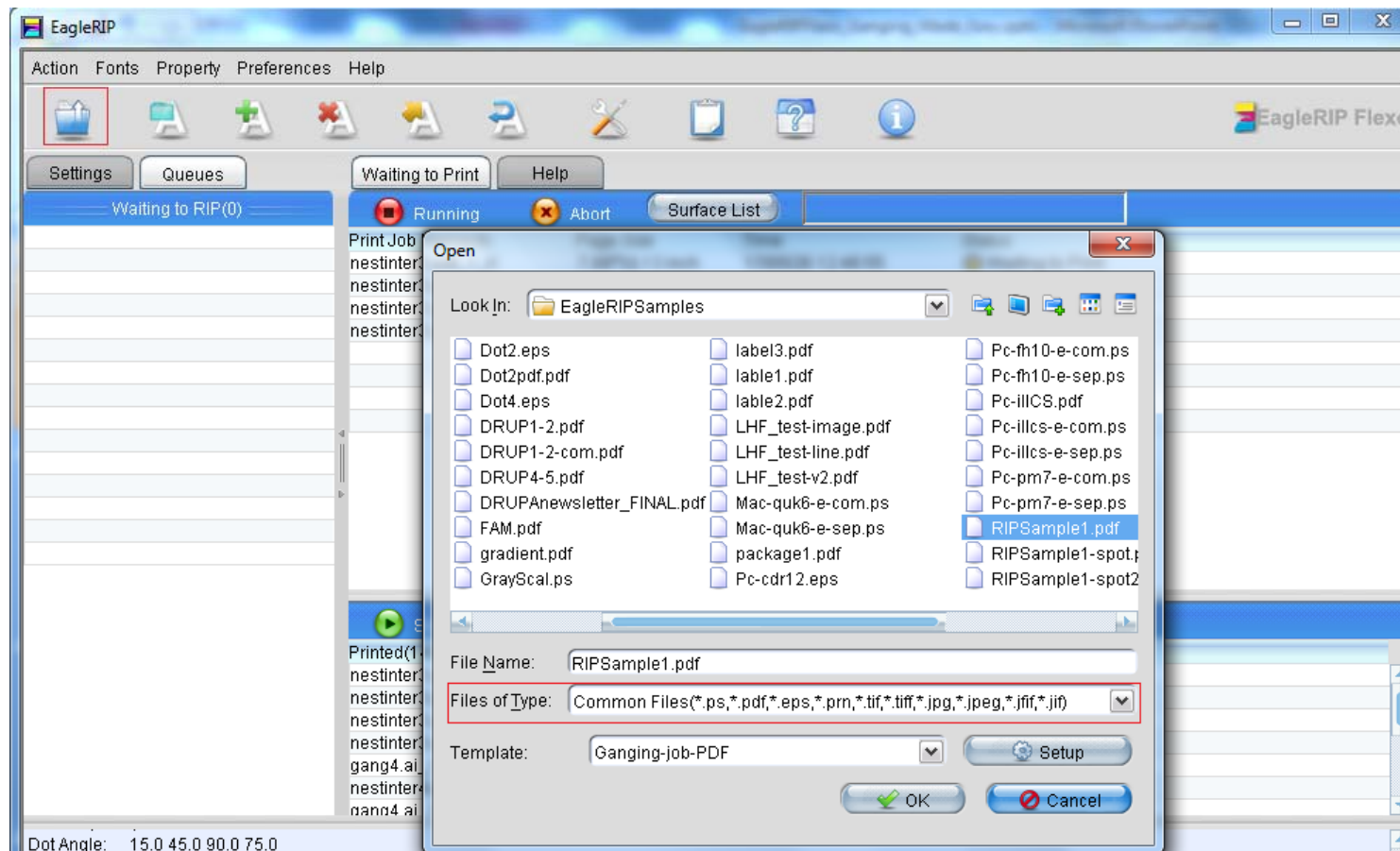


- Setup EagleRIP for Ganging
 - Set Name Convention rules for ganging surface 1-Bit TIFF files in Template



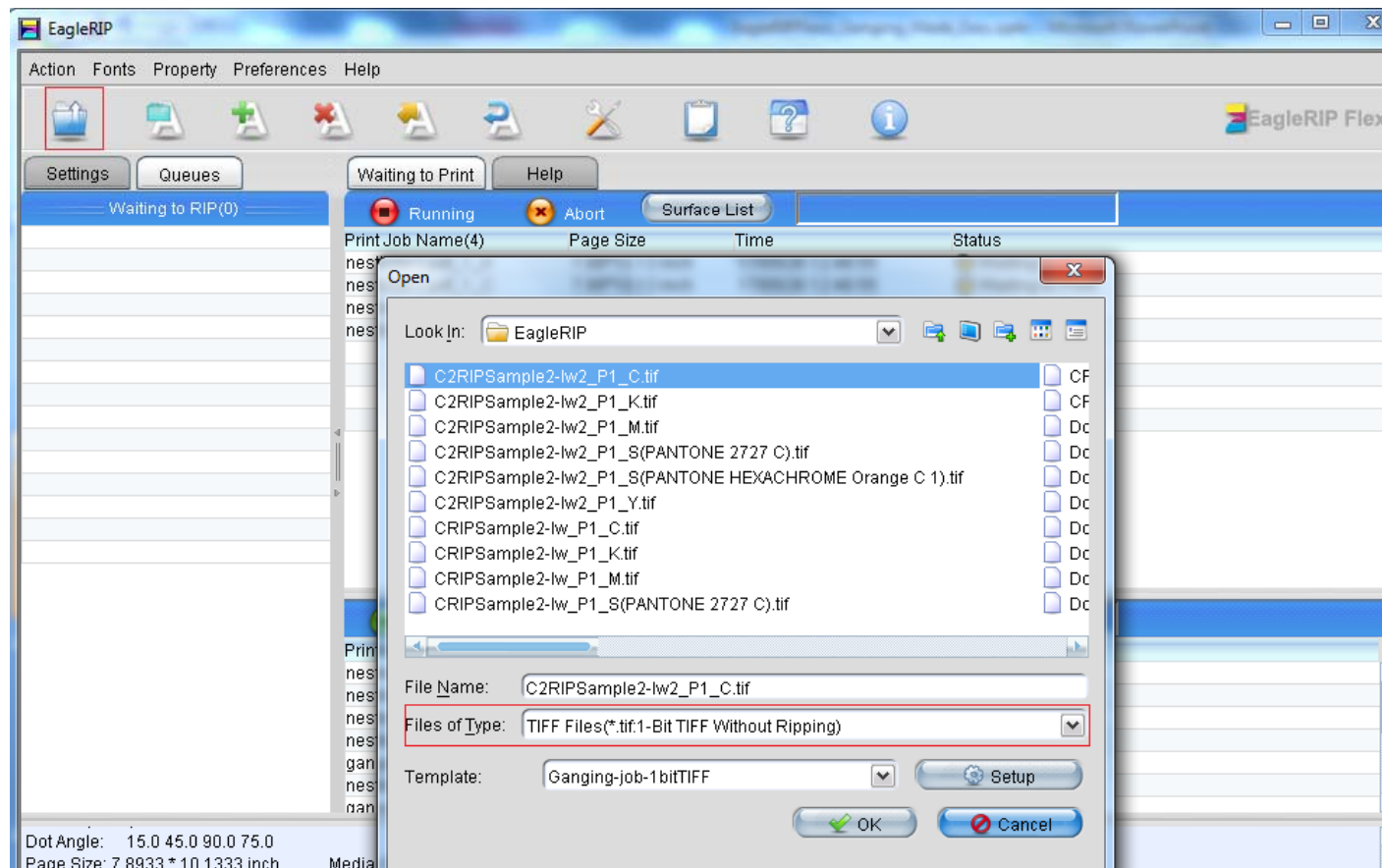
How to Setup EagleRIP in Scenario 1

- Submit PS/PDF file on EagleRIP by open files for Ganging
 - Set Files of Type to “Common Files”



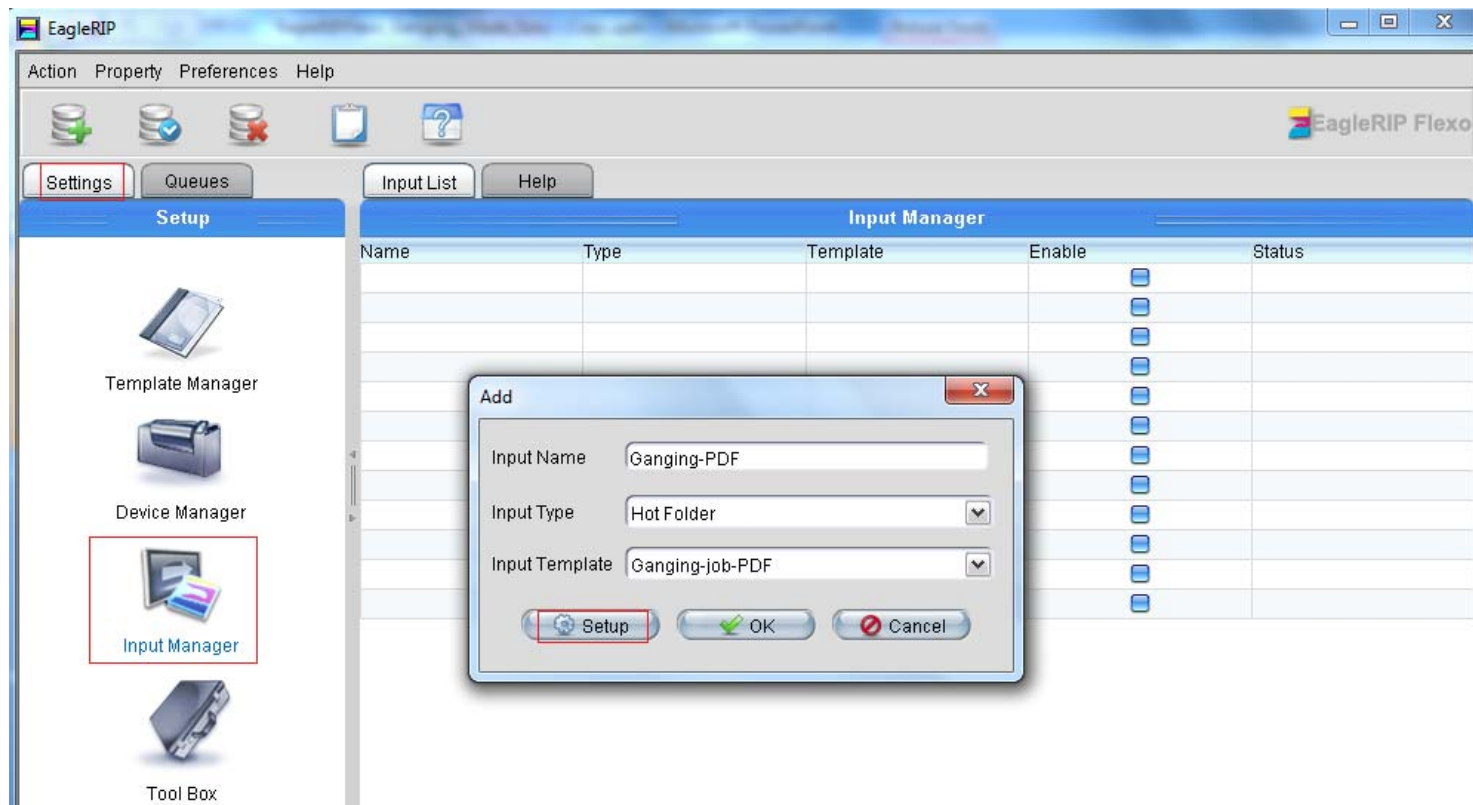
How to Setup EagleRIP in Scenario 1

- Submit 1-Bit TIFF file on EagleRIP by open files for Ganging
 - Set Files of Type to TIFF Files (1-Bit TIFF Without Ripping)

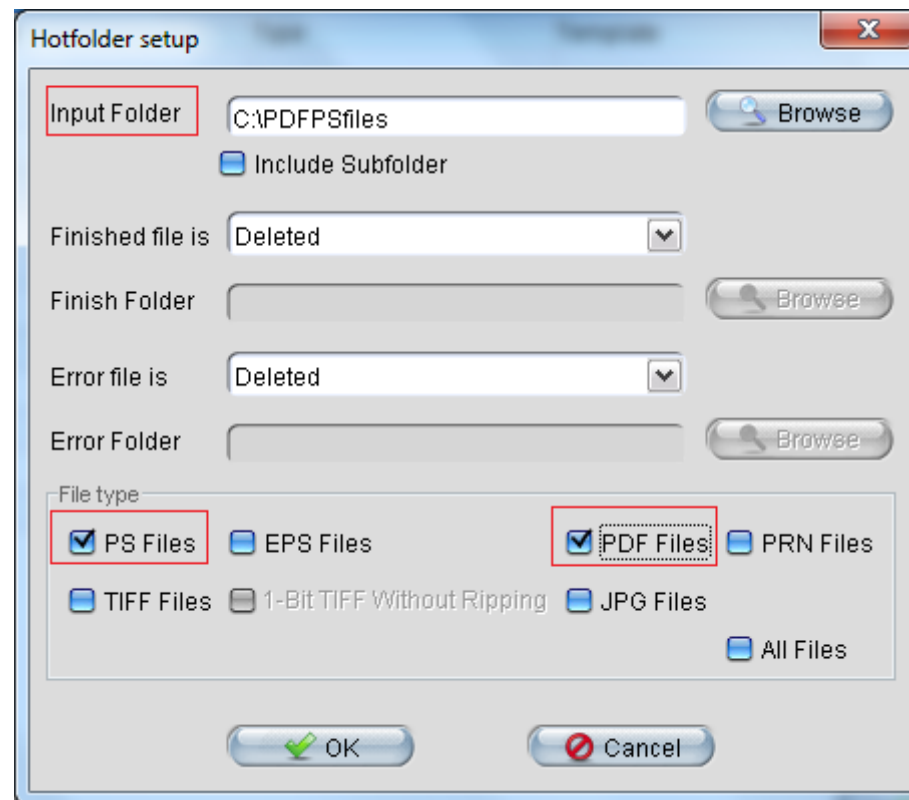


How to Setup EagleRIP in Scenario 1

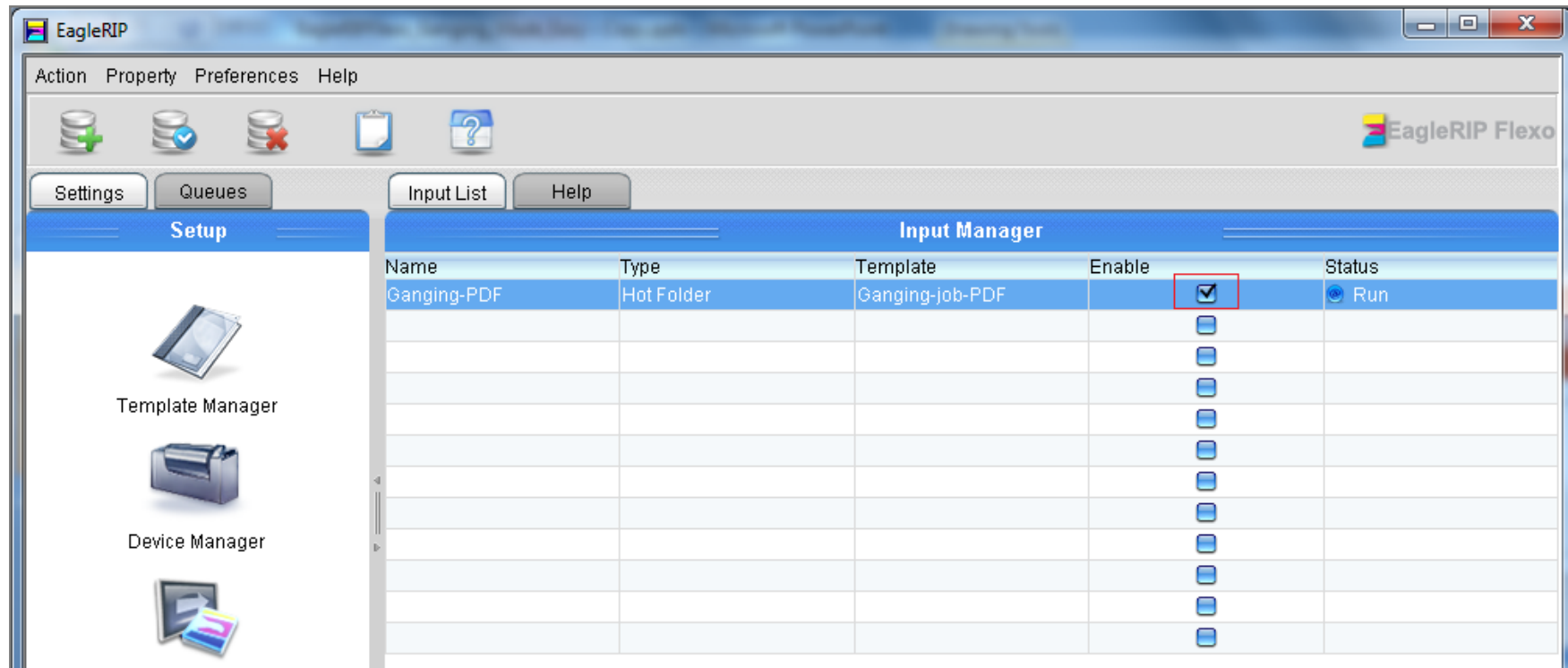
- Submit PS/PDF file on EagleRIP by hot folder for Ganging
 - Setup hot folder



- Submit PS/PDF file on EagleRIP by hot folder for Ganging
 - Setup Input Folder to accept PS/PDF files automatically
 - Set File Type to "PS Files" and "PDF Files"



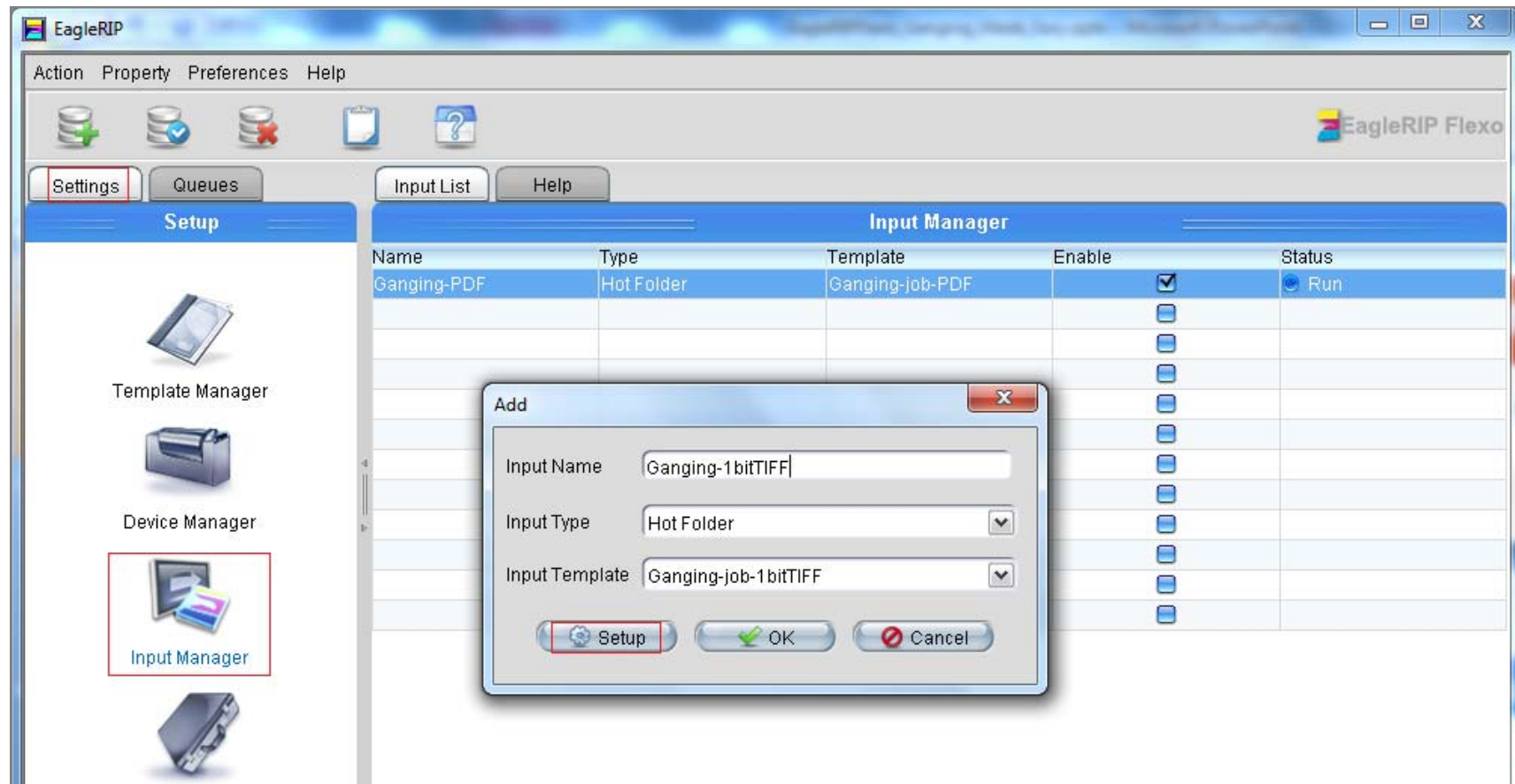
- Submit PS/PDF file on EagleRIP by hot folder for Ganging
 - Enable hot folder to run



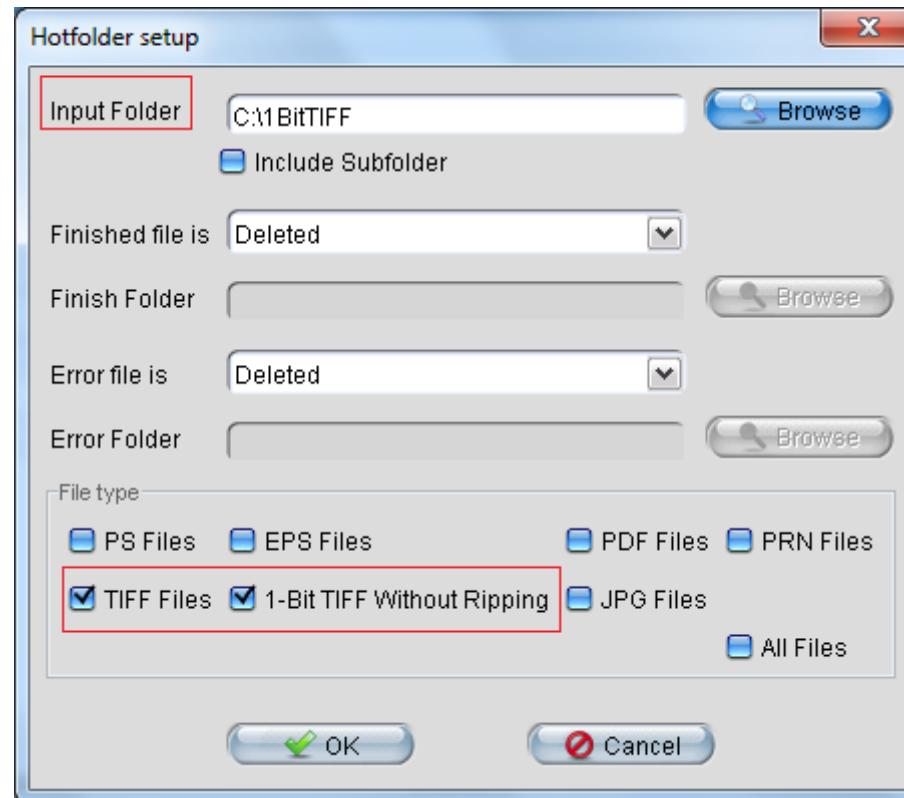
How to Setup EagleRIP in Scenario 1

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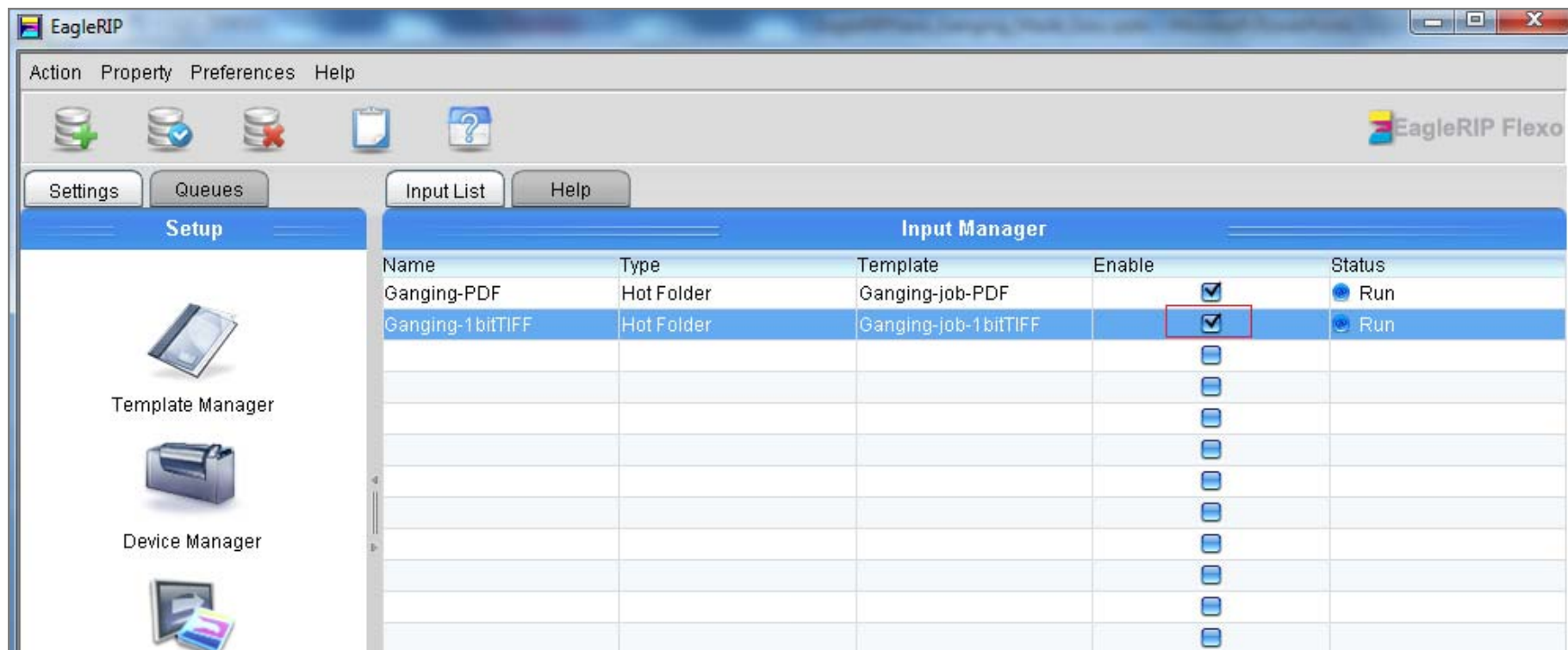
- Submit 1-Bit TIFF file on EagleRIP by hot folder for Ganging
 - Setup hot folder



- Submit 1-Bit TIFF file on EagleRIP by hot folder for Ganging
 - Setup Input Folder to accept 1-Bit TIFF file automatically
 - Set File Type to " TIFF Files" and "1-Bit TIFF Without Ripping "



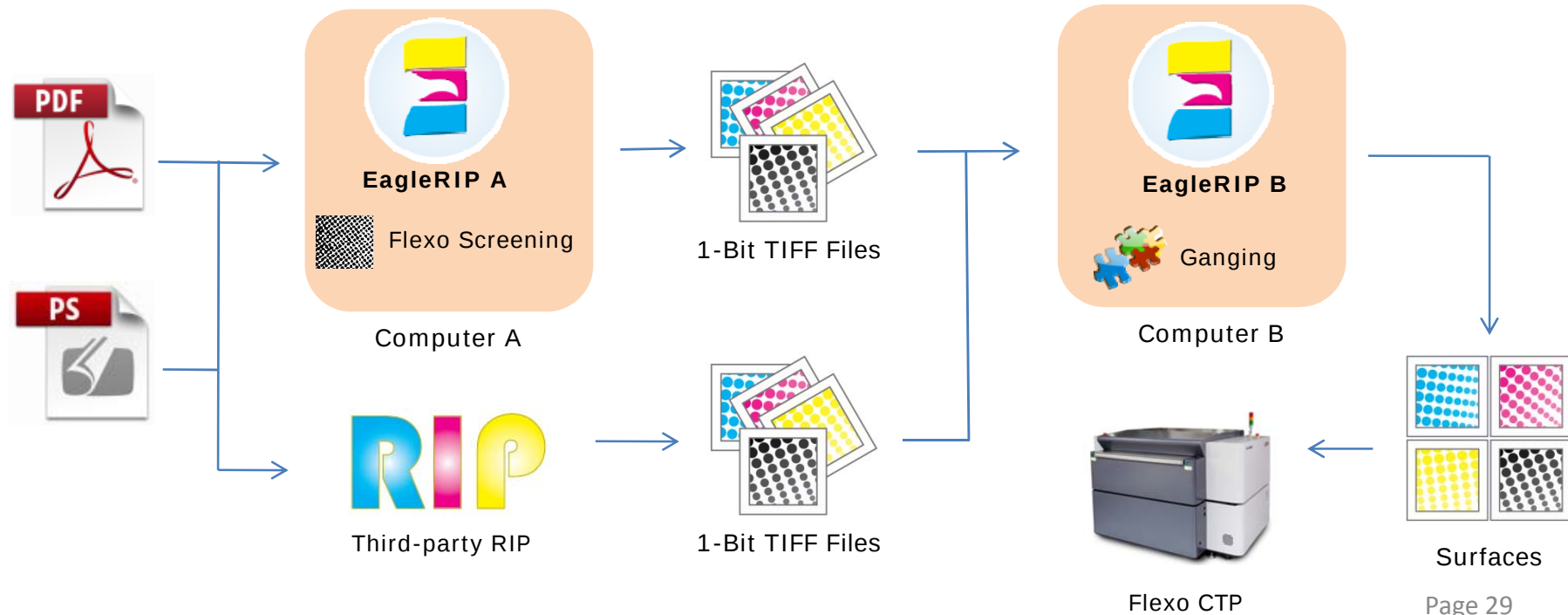
- Submit 1-Bit TIFF file on EagleRIP by hot folder for Ganging
 - Enable hot folder to run



How to Setup EagleRIPs in Scenario 2

How to Setup EagleRIPs in Scenario 2

- Setup EagleRIP A on Computer A
 - Submit PS/PDF on Computer A, generate 1-Bit TIFF files
- Setup EagleRIP B on Computer B
 - Accept 1-Bit TIFF file for ganging
 - Submit 1-Bit TIFF by open files or/and by hot folder

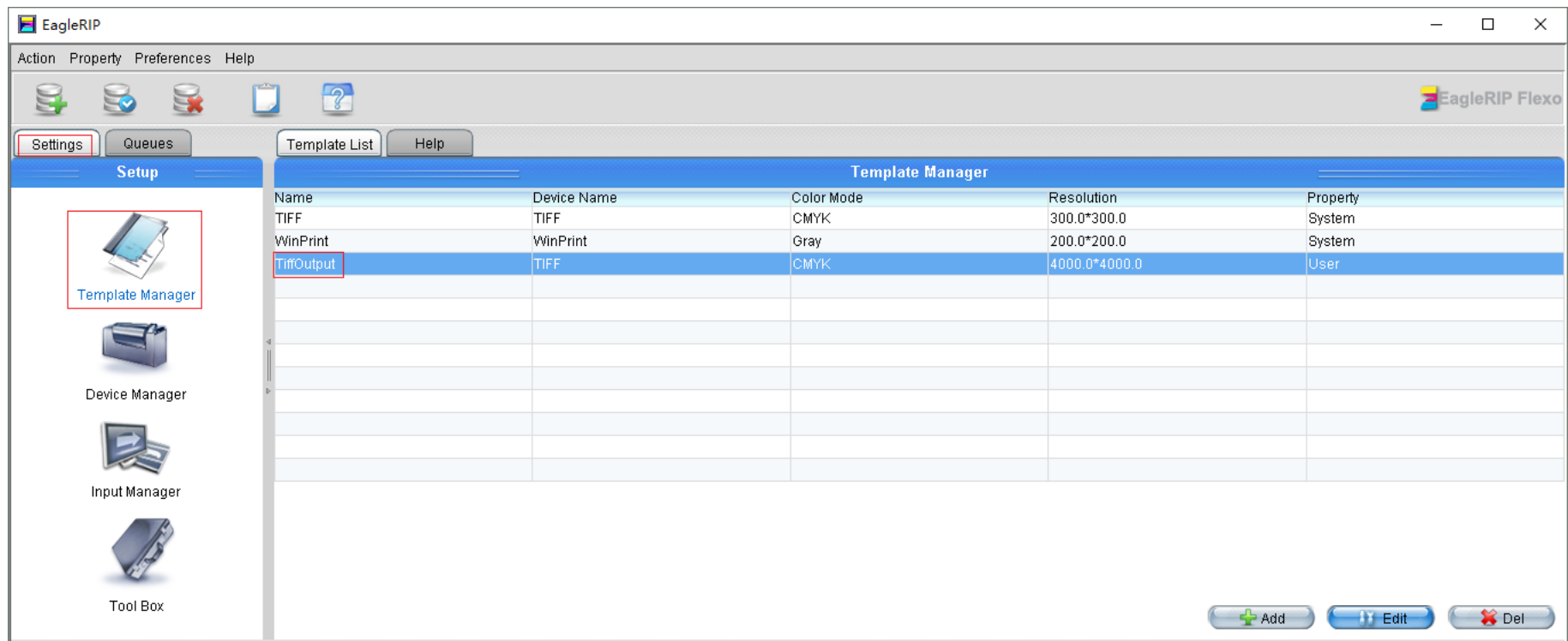


- Computer A
 - Setup EagleRIP A to generate 1-Bit TIFF files

How to Setup EagleRIPs in Scenario 2

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- Computer A
 - Template settings on EagleRIP A



How to Setup EagleRIPs in Scenario 2

- Computer A
 - Setup Resolution and other RIP parameters in Template

RIP Setup

Screen RIP Color Management Mark Misc Help

Resolution 4000.0*4000.0

X 4,000 Y 4,000

☒ Override frequency in job ☒ Override dot shape in job

☒ Override angles in job ☒ Precision Screening

☐ Zone Screen First

☐ Miracle Cell

Miracle Cell

Size(pixel) 0 Density(%) 0 End Value(%) 0 Type Single

Dot Size

Shadows dot size(um) 0 Highlights dot size(um) 0

Separation Setup

Output	Separation	Dot Shape	Frequency	Angle
☒	Cyan	FlexoRound 1	40.0	82.5
☒	Magenta	FlexoRound 1	40.0	52.5
☒	Yellow	FlexoRound 1	40.0	7.5
☒	Black	FlexoRound 1	40.0	22.5

Spot Color Custom Edit Setup

Calibration Curve Default Preview

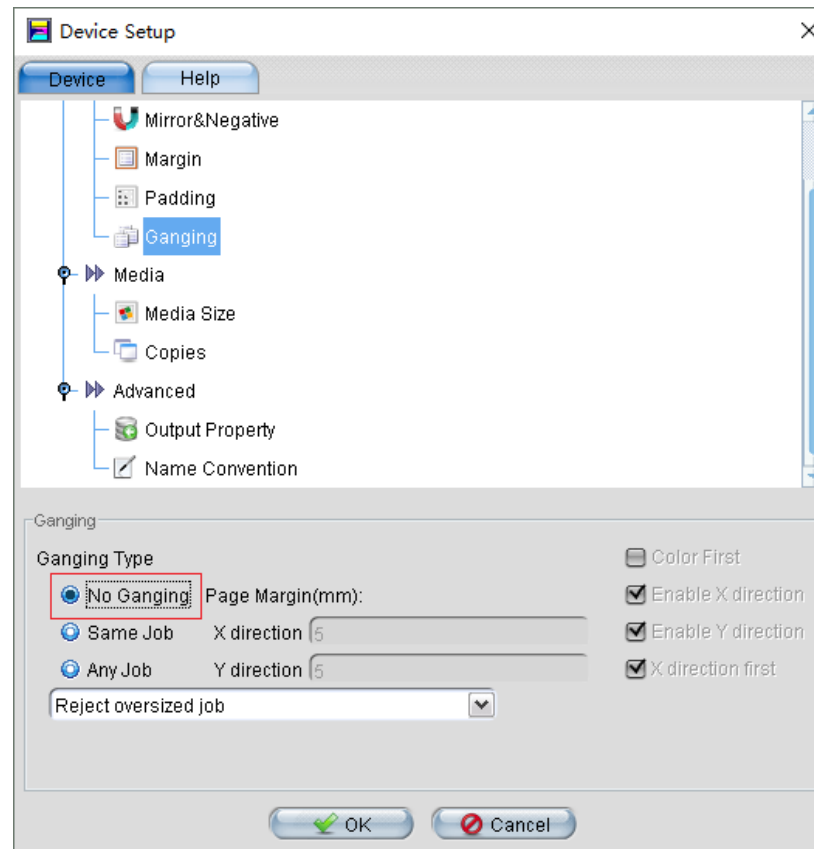
Intended Press Curve Default Preview

Actual Press Curve Default Preview

OK Cancel

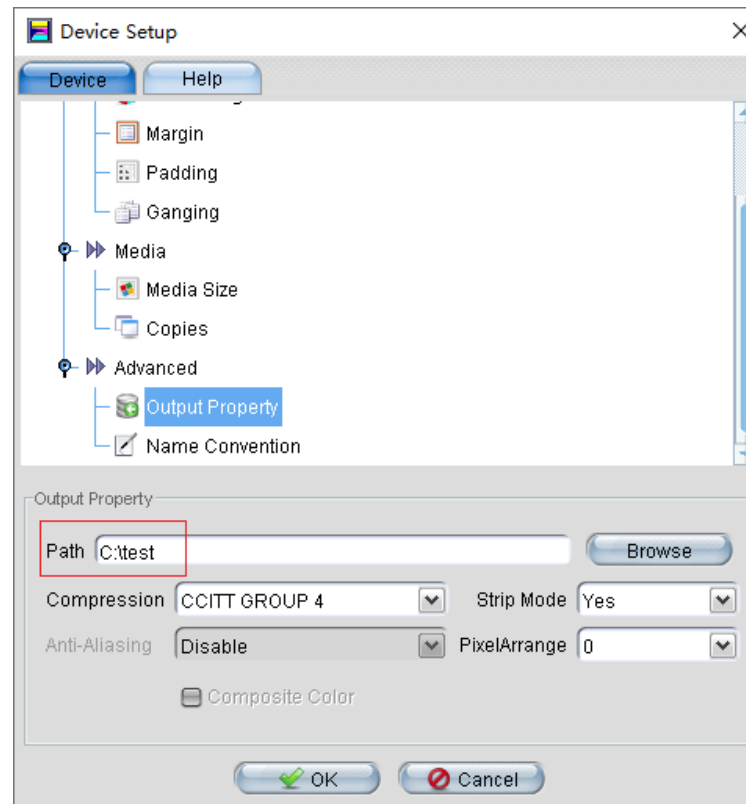
How to Setup EagleRIPs in Scenario 2

- Computer A
 - Set Ganging Type to No Ganging in Template



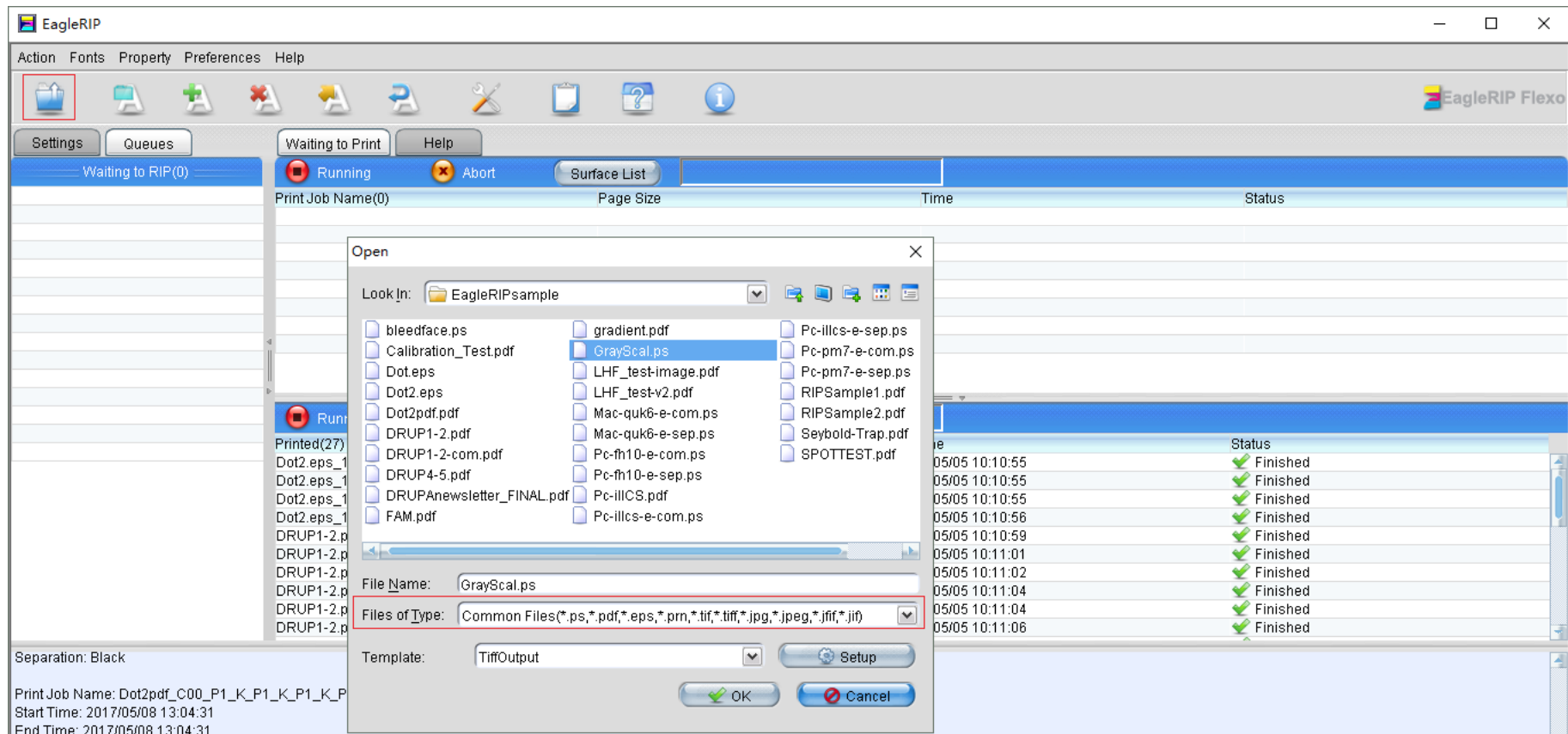
How to Setup EagleRIPs in Scenario 2

- Computer A
 - Set Output Path for 1-Bit TIFF files in Template



- Computer A
 - Submit PS/PDF file on EagleRIP A

- Computer A
 - Set Files of Type to “Common Files”

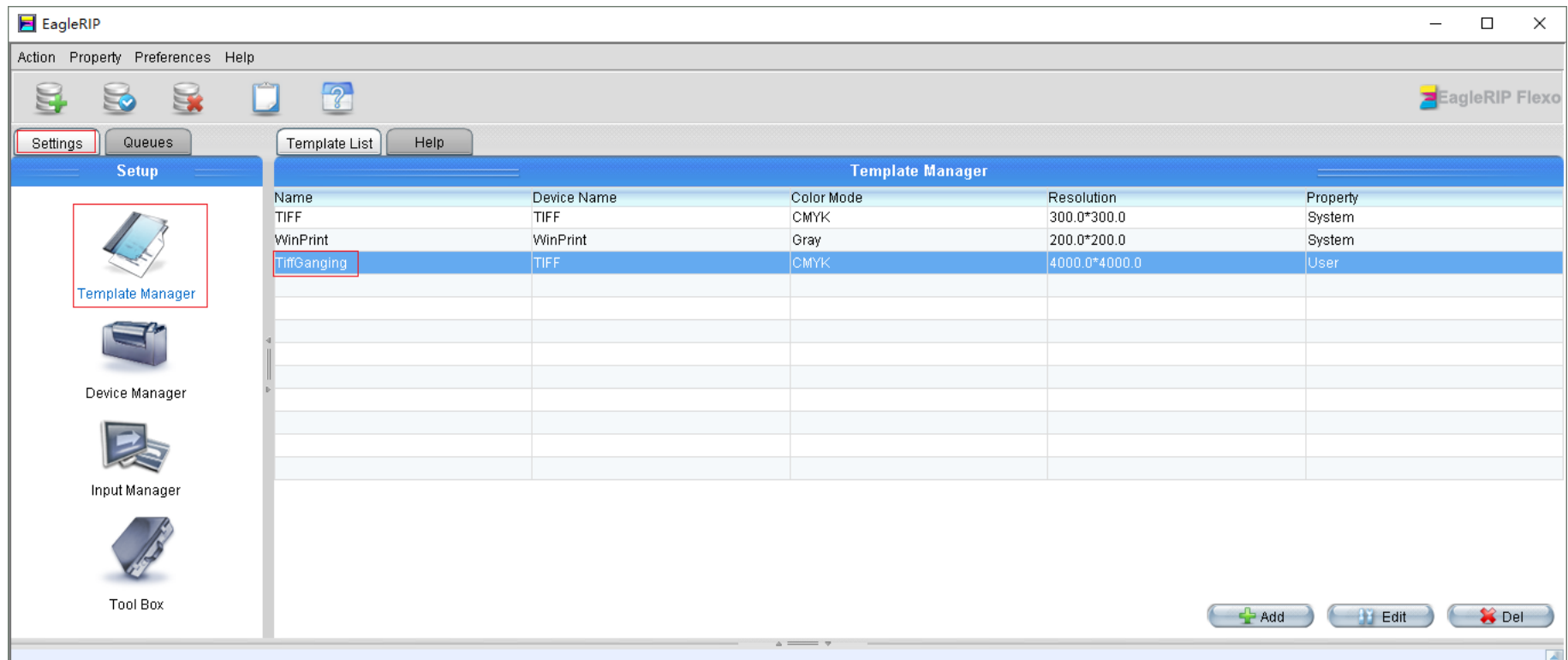


- Computer B
 - Setup EagleRIP B for 1-Bit TIFF file Ganging

How to Setup EagleRIPs in Scenario 2

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- Computer B
 - Template settings on EagleRIP B



How to Setup EagleRIPs in Scenario 2

- Computer B
 - Setup the same Resolution as EagleRIP A in Template

The screenshot shows the 'RIP Setup' dialog box with the following settings:

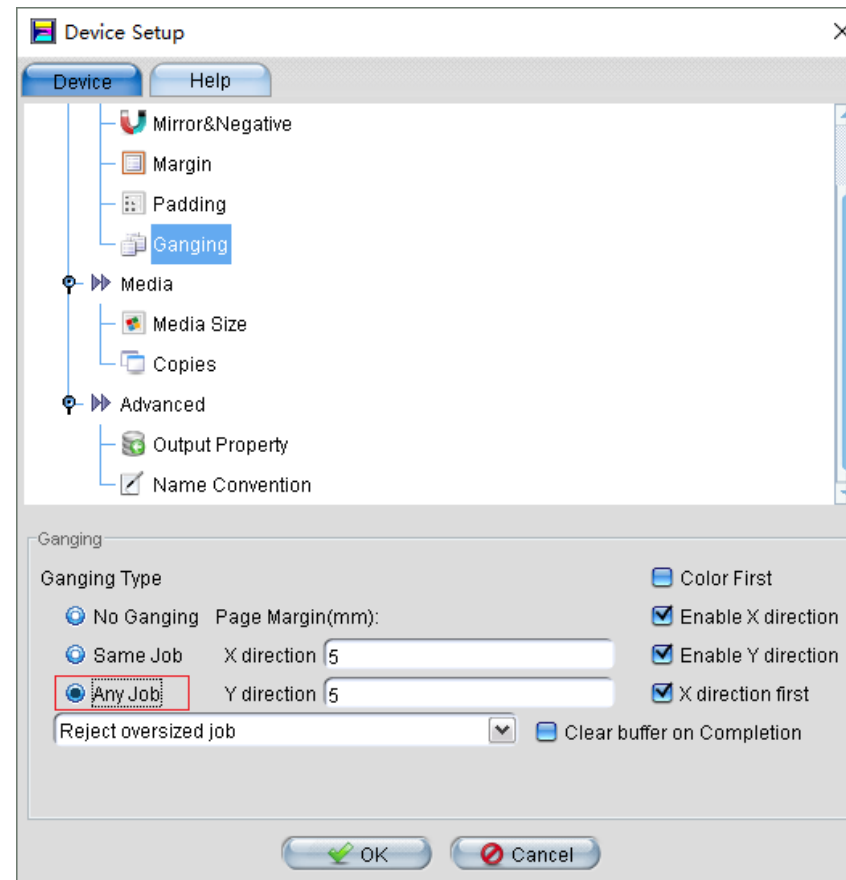
- Resolution:** 4000.0*4000.0 (highlighted with a red box)
- Color Mode:** CMYK
- KCMY:** KCMY
- Pixel Bits:** Halftone
- Halftone Levels:** 256
- Zone Screen First:** ☐
- Override frequency in job:** ☒
- Override dot shape in job:** ☒
- Override angles in job:** ☒
- Precision Screening:** ☒
- Miracle Cell:** ☐
- Miracle Cell Size(pixel):** 0
- Density(%):** 0
- End Value(%):** 0
- Type:** Single
- Dot Size:** Shadows dot size(um) 0, Highlights dot size(um) 0
- Separation Setup:**

Output	Separation	Dot Shape	Frequency	Angle
☒	Cyan	FlexoRound 1	40.0	82.5
☒	Magenta	FlexoRound 1	40.0	52.5
☒	Yellow	FlexoRound 1	40.0	7.5
☒	Black	FlexoRound 1	40.0	22.5
- Spot Color:** Custom
- Calibration Curve:** Default
- Intended Press Curve:** Default
- Actual Press Curve:** Default

Buttons: OK, Cancel, Edit, Setup, Preview (multiple).

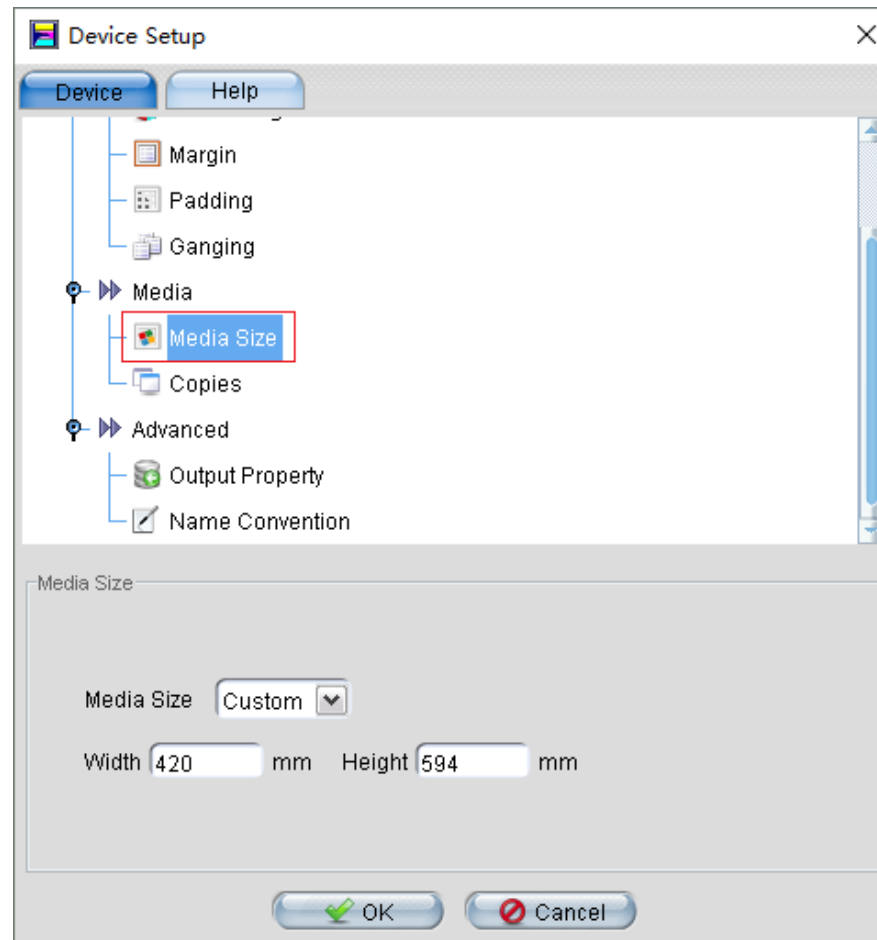
How to Setup EagleRIPs in Scenario 2

- Computer B
 - Set Any Job Ganging in Template

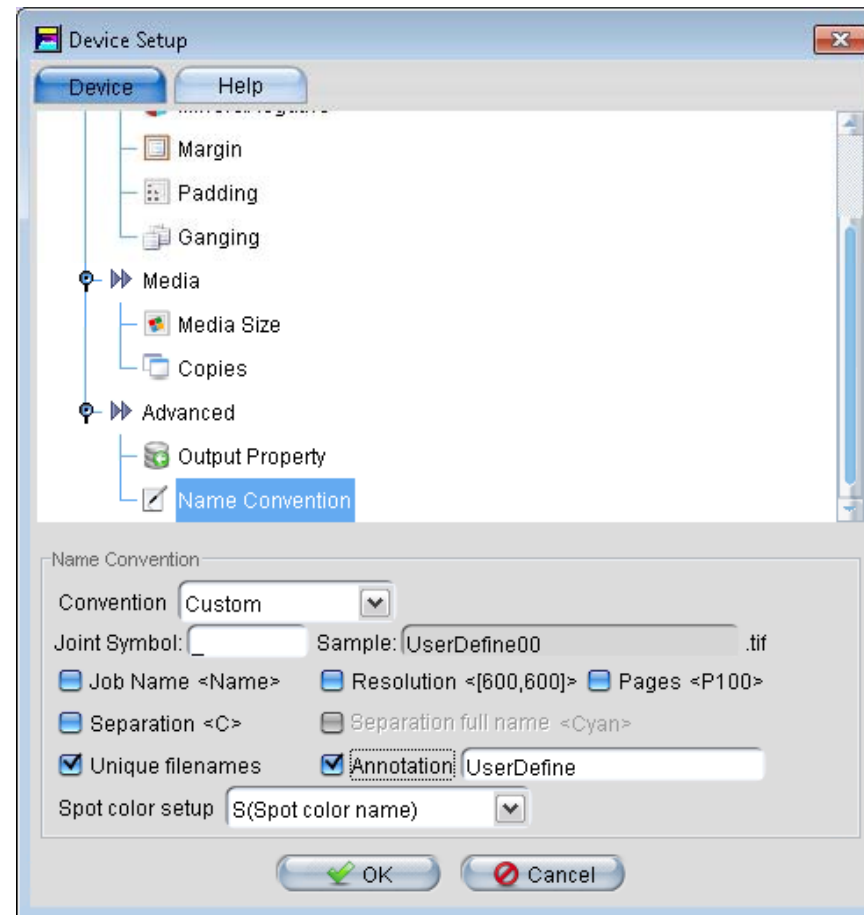


How to Setup EagleRIPs in Scenario 2

- Computer B
 - Set Media Size for Ganging in Template



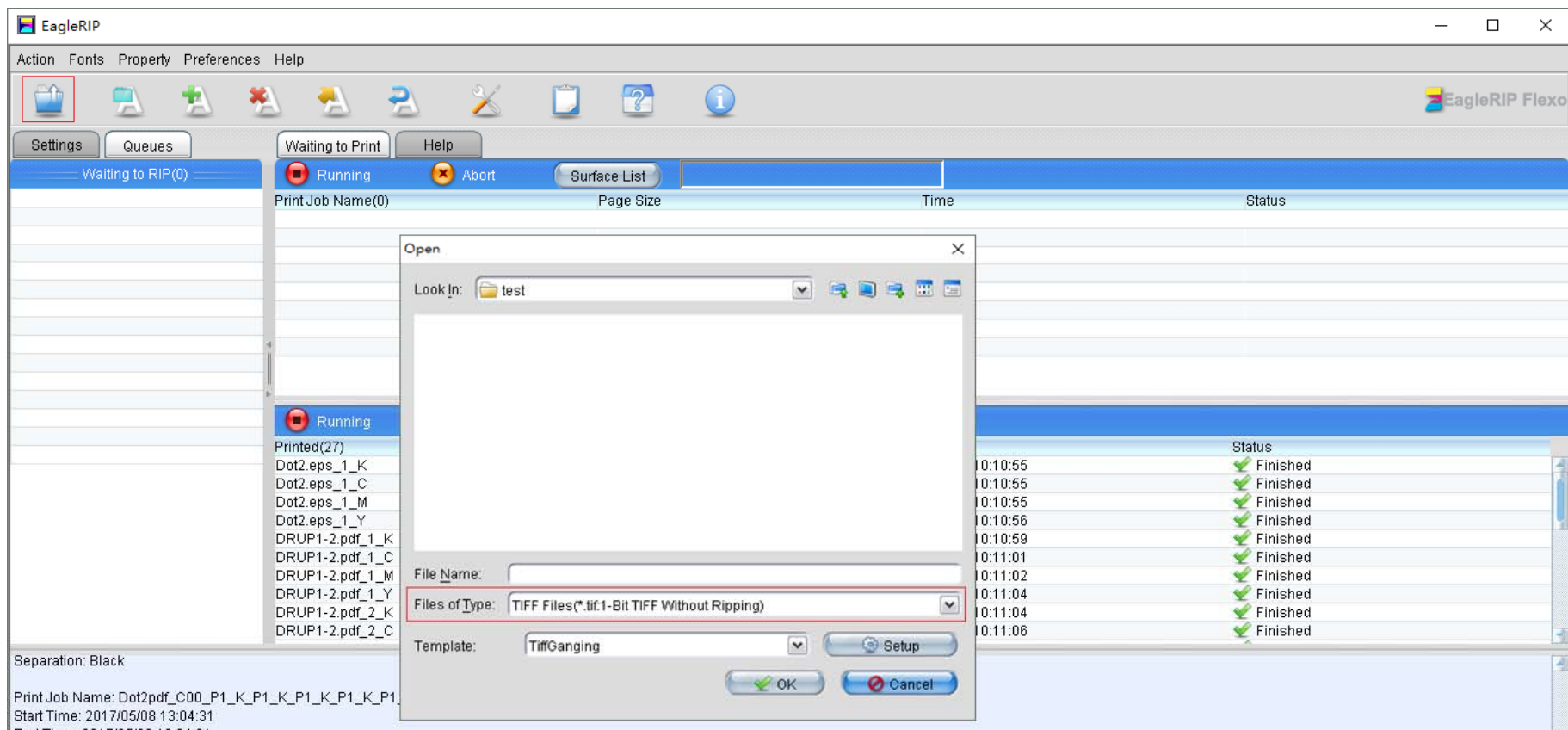
- Computer B
 - Set Name Convention rules for 1-Bit TIFF surface files in Template



- Computer B
 - Submit 1-Bit TIFF on EagleRIP B by open files

How to Setup EagleRIP in Scenario 2

- Computer B
 - Set Files of Type to TIFF Files (1-Bit TIFF Without Ripping)

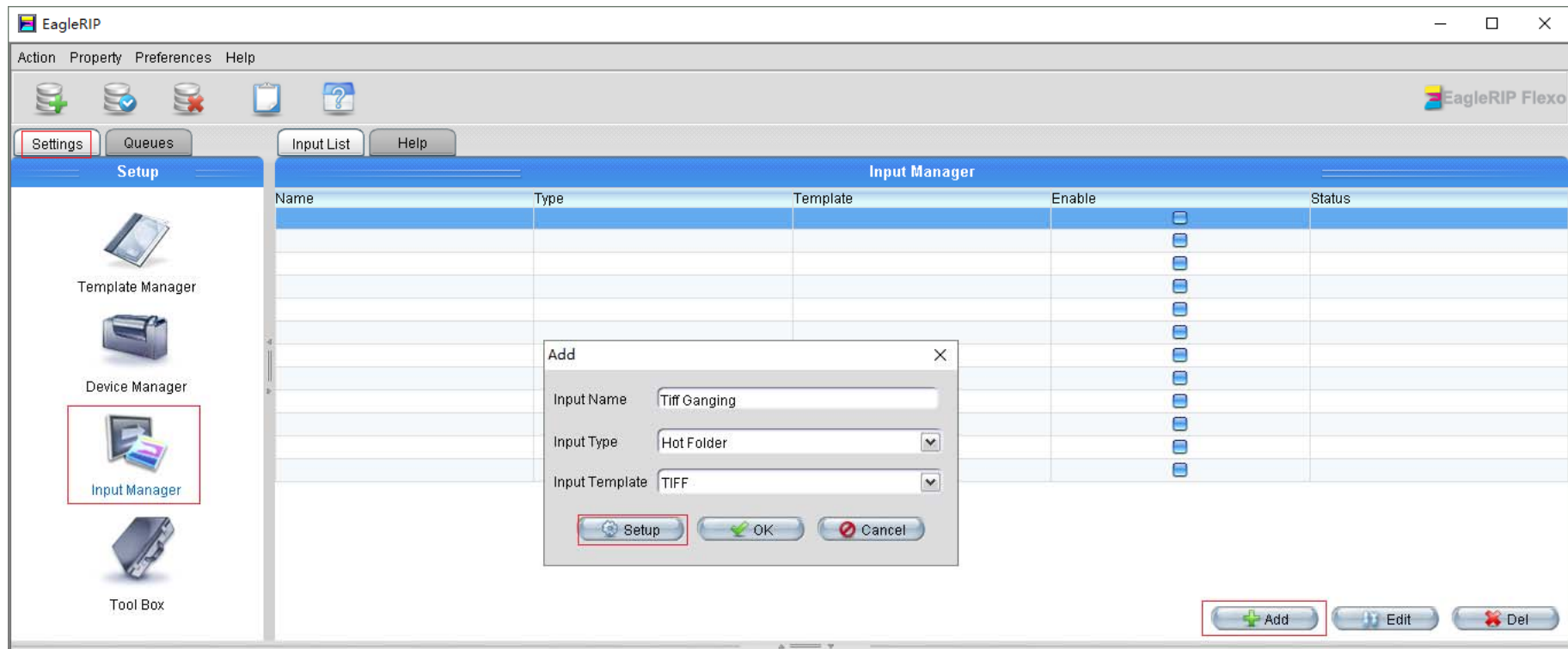


- Computer B
 - Submit 1-Bit TIFF on EagleRIP B by hot folder

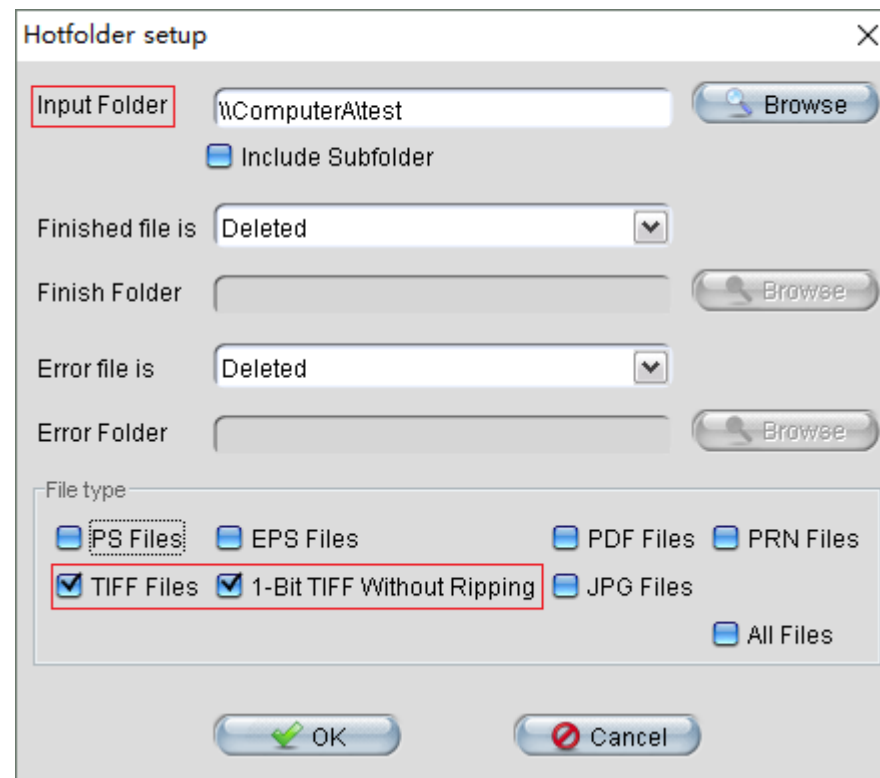
How to Setup EagleRIPs in Scenario 2

FOUNDER

- Computer B
 - Setup hot folder



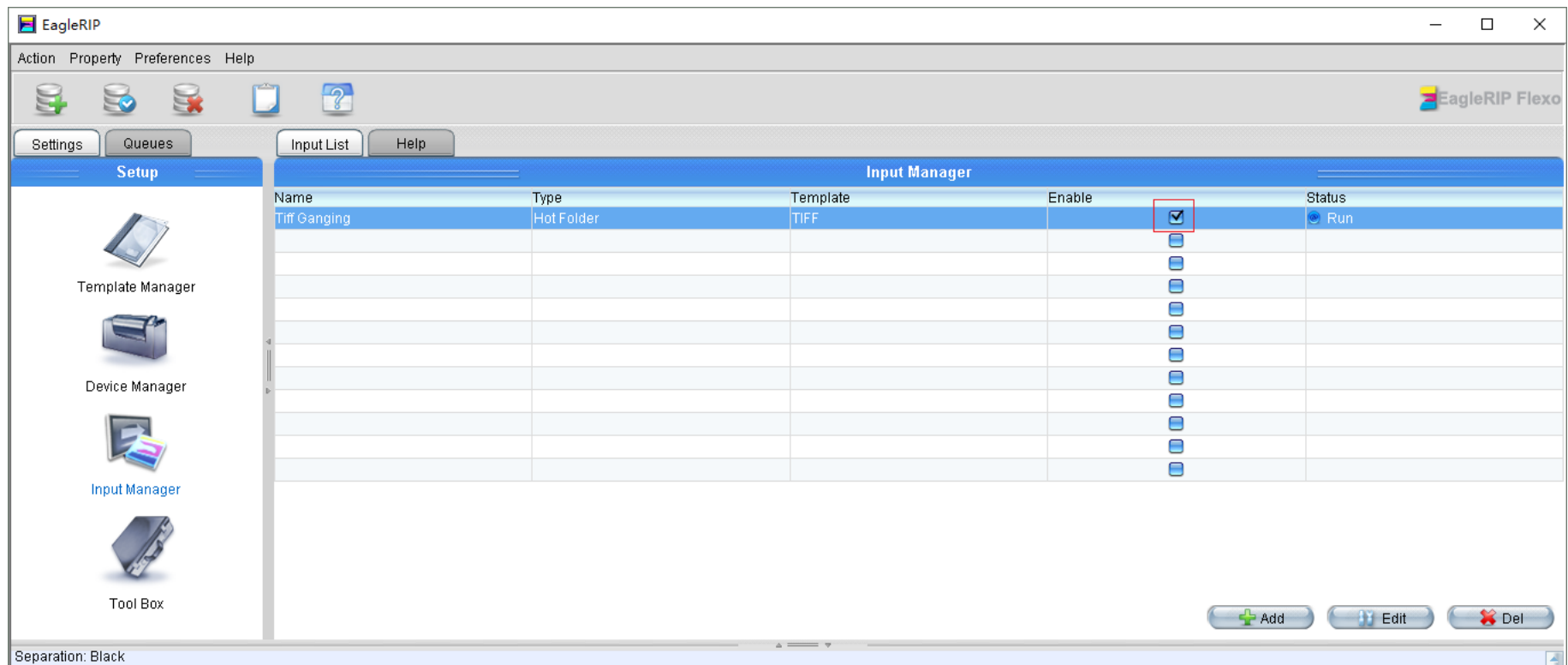
- Computer B
 - Setup Input Folder to accept 1-Bit TIFF files automatically
 - Set File Type to “1-Bit TIFF Without Ripping”



How to Setup EagleRIPs in Scenario 2

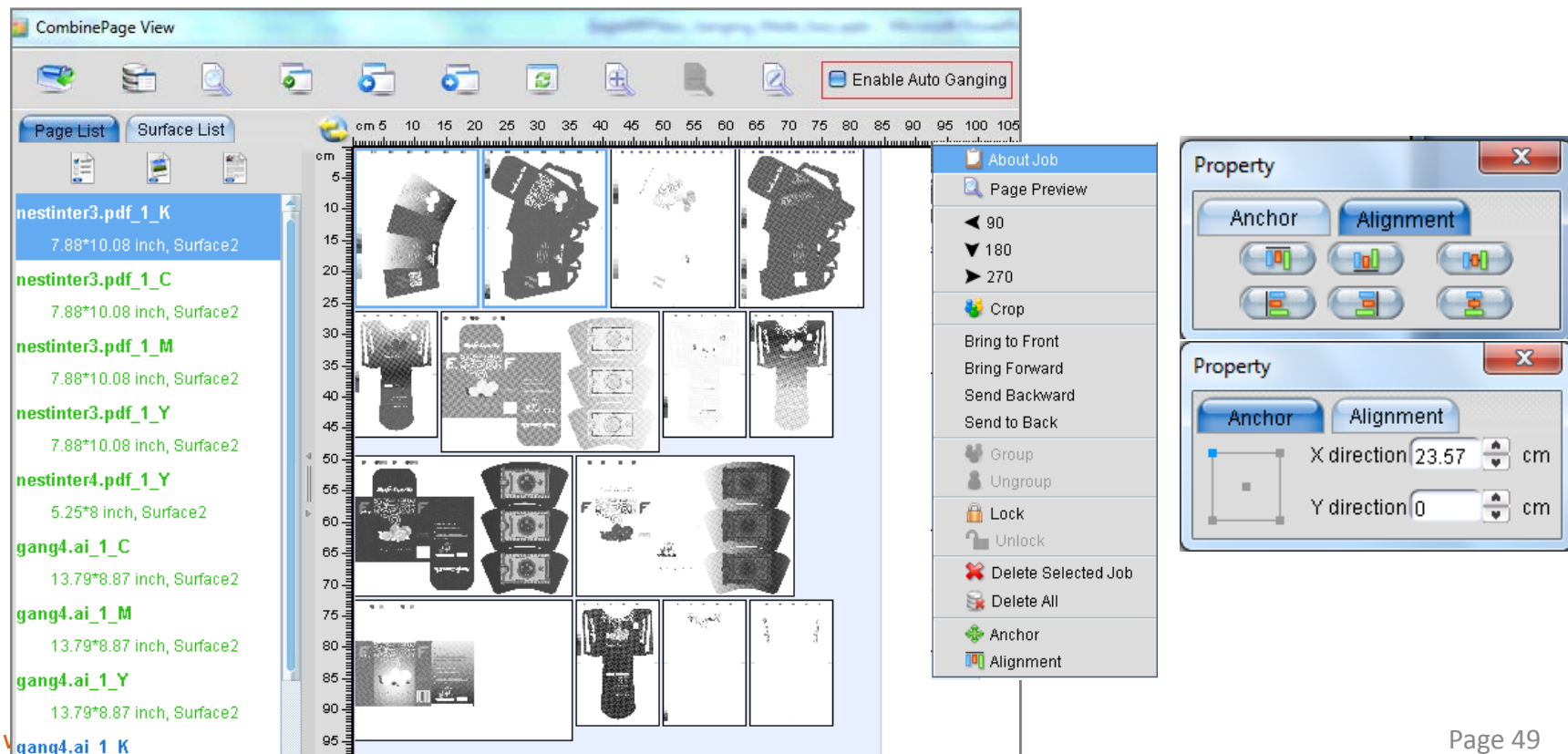
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- Computer B
 - Enable hot folder to run



How to use Manual Ganging

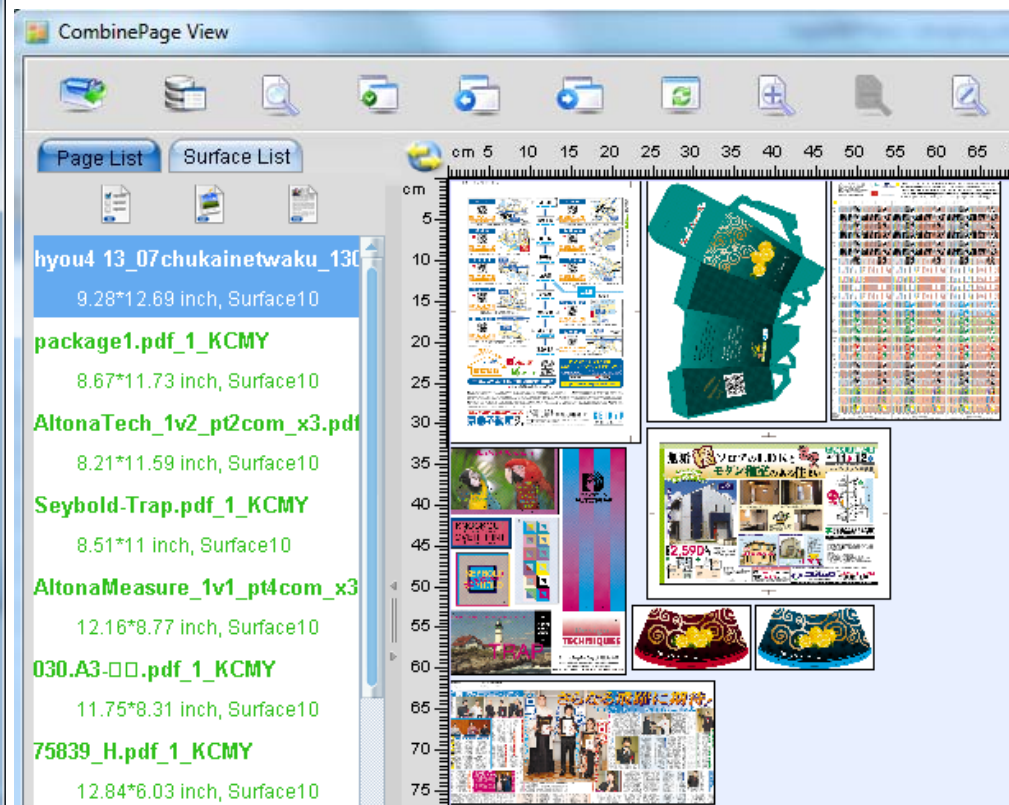
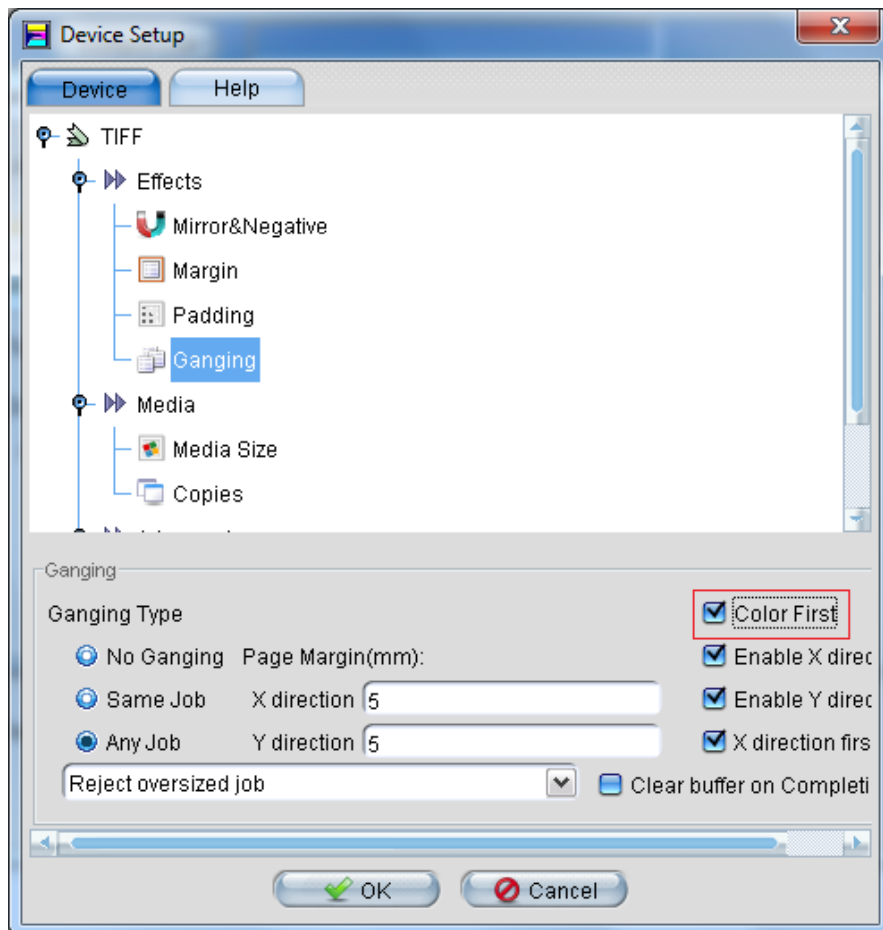
- Uncheck “Enable Auto Ganging” in Ganging view
- Create a new surface, edit an existing surface, delete page, manually combine pages into a surface, rotate, anchor, lock, group, alignment, crop, overlap, step & repeat etc.



How to use Color First function

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- Color First: Only the subsequent separations of the same file can be composed in the same position on the surface



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Beijing Founder Electronics CO., Ltd.

Thanks



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