WS 22 & WS 28
**Integrated Production 2:
Push to Stop production from scheduling,
pressroom to postpress.**

Ulrike Seethaler

Push to Stop production from scheduling, pressroom to postpress.

A new way of printing.

What could the workflow do?

How to set the ground?

What means Push to Stop for planning, pressroom and bindery?

WORKSHOP

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Ulrike Seethaler

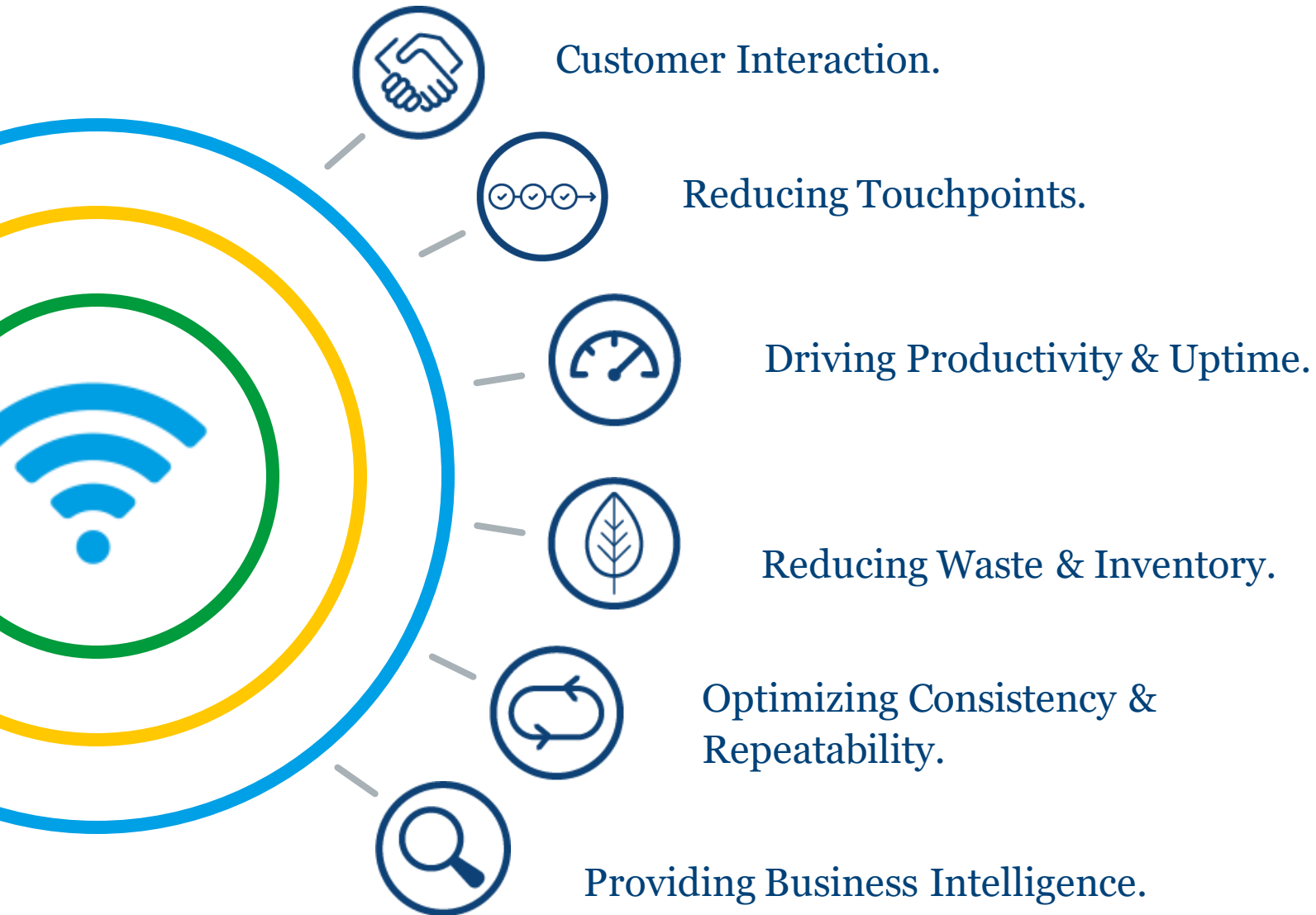Push to Stop production from scheduling, pressroom to postpress.
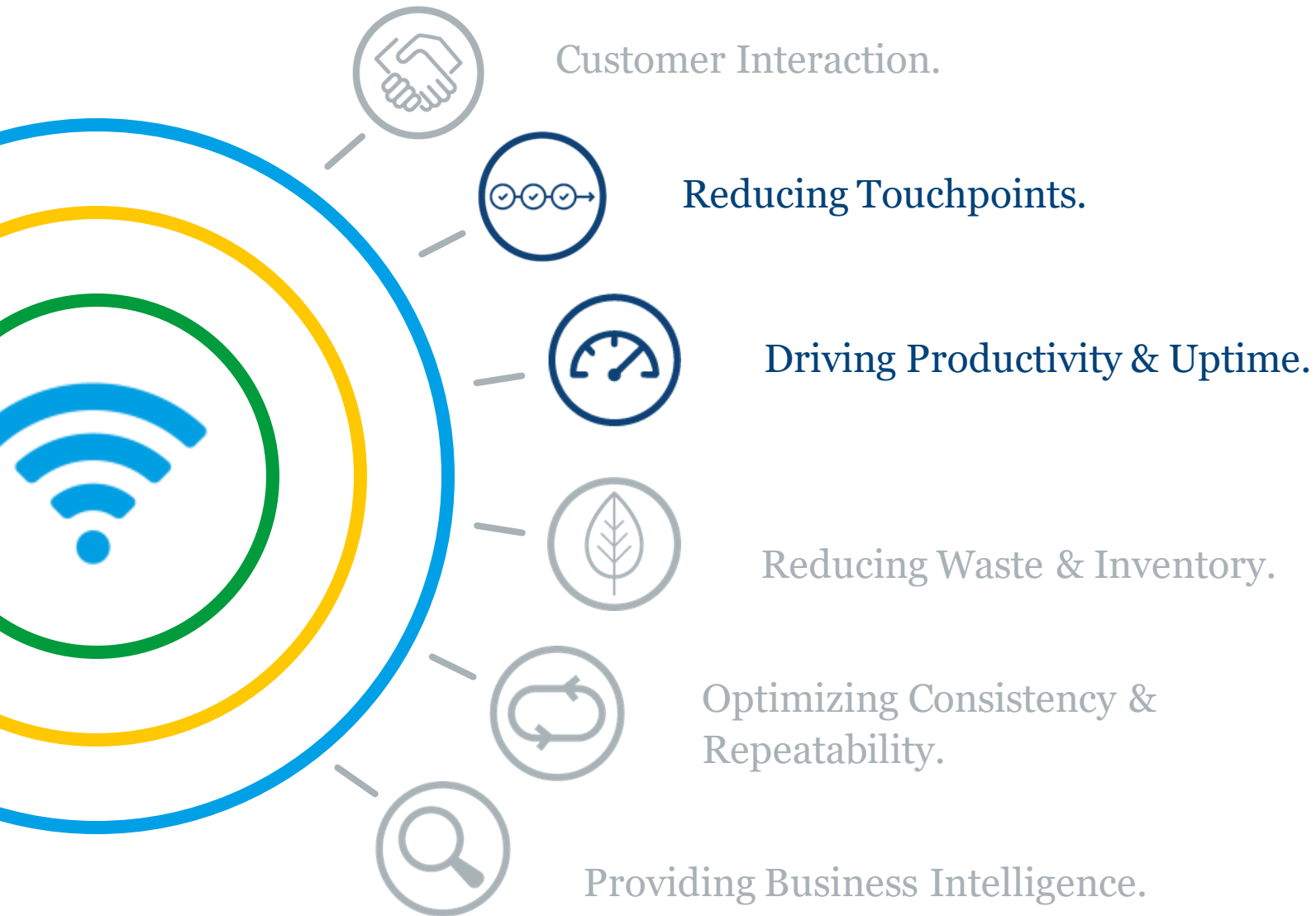
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WORKSHOP

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Customer Interaction.

Reducing Touchpoints.

Driving Productivity & Uptime.

Reducing Waste & Inventory.

Optimizing Consistency & Repeatability.

Providing Business Intelligence.

Customer Interaction.

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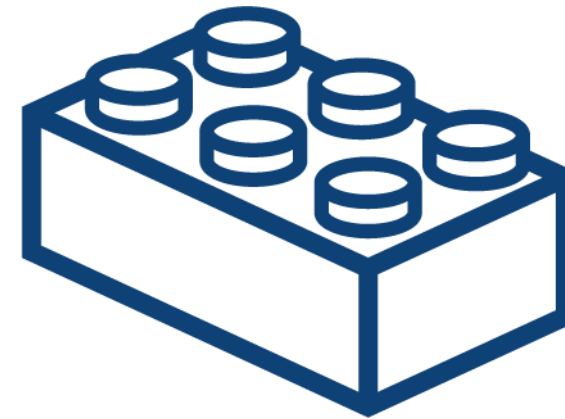
Providing Business Intelligence.

Standardization sets the ground for Push to Stop.

Standardization.

Unification of e.g. measures, types, procedures and structures. For print shops this means always choosing the same way of production to achieve constantly high performance and quality.
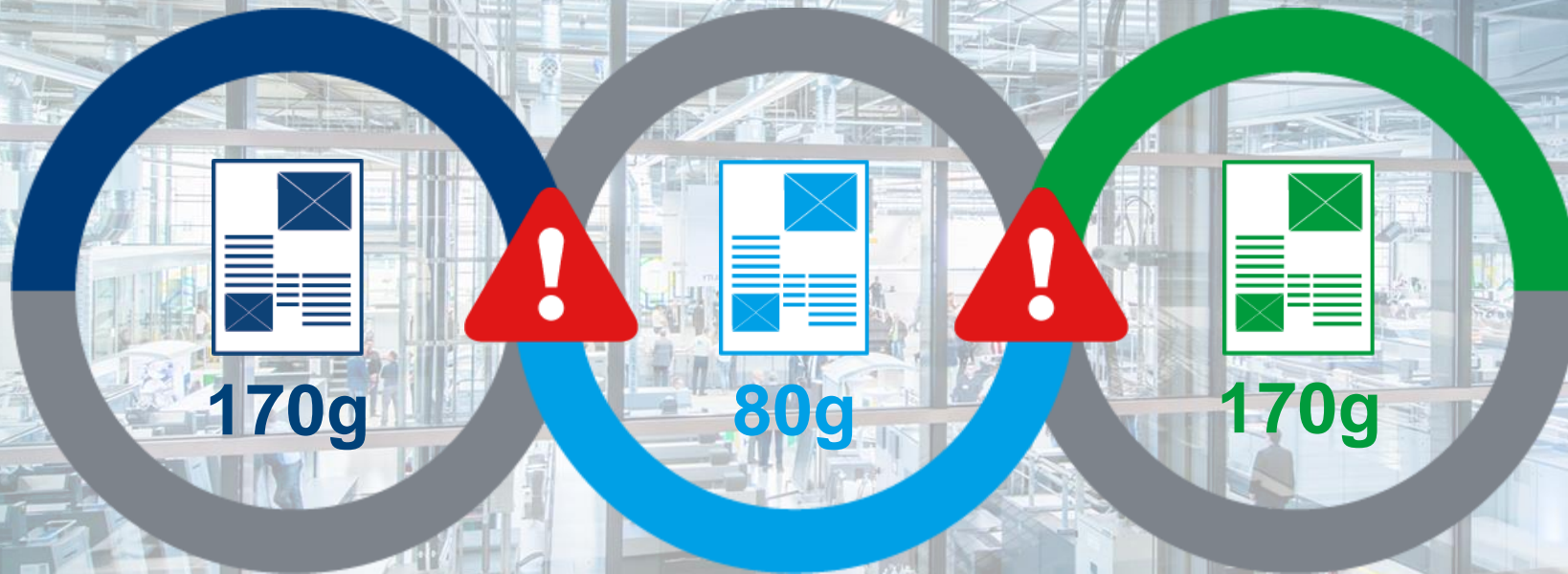
The Levers.

DRIVER
01 Consumables

DRIVER
02 Substrates

DRIVER
03 Offering

DRIVER
04 Processes

Push to Stop.
What could scheduling provide?

170g   80g   170g

Avoid continuous change overs.
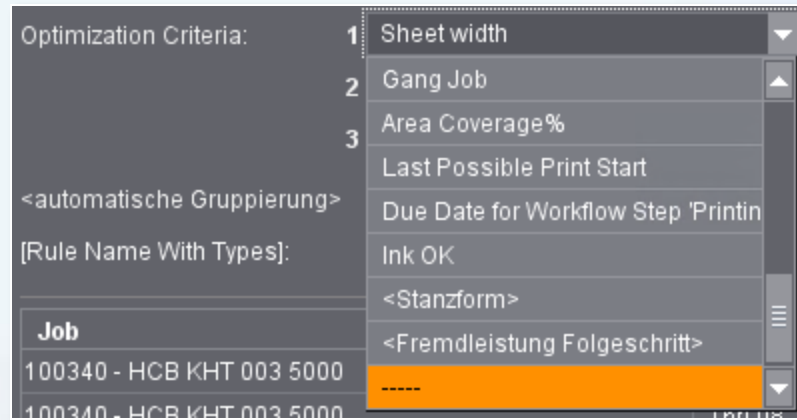
→ **Consider the scheduling hierarchy.**

Live demonstration.

Set rules for an optimized planning sequence.

→ **Already available parameters have been enhanced:**

→ Checkpoint "spot color"

→ Die cut tool

→ Outside work

→ **Optimization of machine groups**

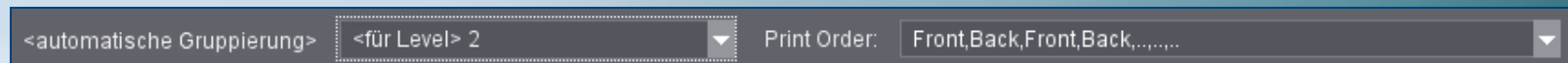→ **Automatic group creation on a defined level and configuration of Front/ Back order**

Step 1

Optimization Criteria: 1	Sheet width
2	Gang Job
3	Area Coverage%
	Last Possible Print Start
<automatische Gruppierung>	Due Date for Workflow Step 'Printin
[Rule Name With Types]:	Ink OK
	<Stanzform>
Job	<Fremdleistung Folgeschritt>
100340 - HCB KHT 003 5000	-----
100340 - HCB KHT 003 5000	

Step 2

XL 105 12 (Perfector	10-0081 - Beaut ...
XL B 105 12 (Perfect	10-0081 - Beaut ...
XL C 105 12 (Perfec	10-0081 - Beaut ...

Step 3

| <automatische Gruppierung> | <für Level> 2 | Print Order: | Front,Back,Front,Back,..,..,.. |

Push to Stop at the press.

New Wallscreen XL job list.

→ **Enhanced job list parameters for selection:**

→ Queue status

→ Pull lay

→ Paper

- → Name
- → Dimensions
- → Grammage
- → Grain direction

→ Inking (4/4)

→ Color sequence

→ Planned device

→ Change date

→ *Group number (as of Press Center S19A)*

→ *Instructions (as of Press Center S19A)*

Start	Number	Name	Operation	Group number	Instructions
25.04.2019 10:31	253444	Workshop dairy	ST107447 4/4		
25.04.2019 11:05	253445	Wine catalogue	ST107451 4/4		
25.04.2019 11:39	253441	Whats new	ST107436 4/4	3JV	S100
25.04.2019 12:20	253441	Whats new	ST107437 4/4	3JV	S100
25.04.2019 12:52	253441	Whats new	ST107438 4/4	3JV	S100
25.04.2019 13:24	253442	Happy holidays	ST107440 4/4	3JW	S50
25.04.2019 14:05	253442	Happy holidays	ST107441 4/4	3JW	S50
25.04.2019 14:37	253442	Happy holidays	ST107442 4/4	3JW	S50
25.04.2019 15:09	253443	Ferry goes to holiday	ST107444 4/4	3JX	KB S50
25.04.2019 15:49	253443	Ferry goes to holiday	ST107445 4/4	3JX	KB S50
25.04.2019 16:20	253443	Ferry goes to holiday	ST107446 4/4	3JX	KB S50
25.04.2019 16:51	253444	Workshop dairy	ST107448 4/4	3JY	
25.04.2019 17:32	253444	Workshop dairy	ST107449 4/4	3JY	

→ **Full Prinect integration delivers…**

…. all these parameters!

…. best support for the press operator!
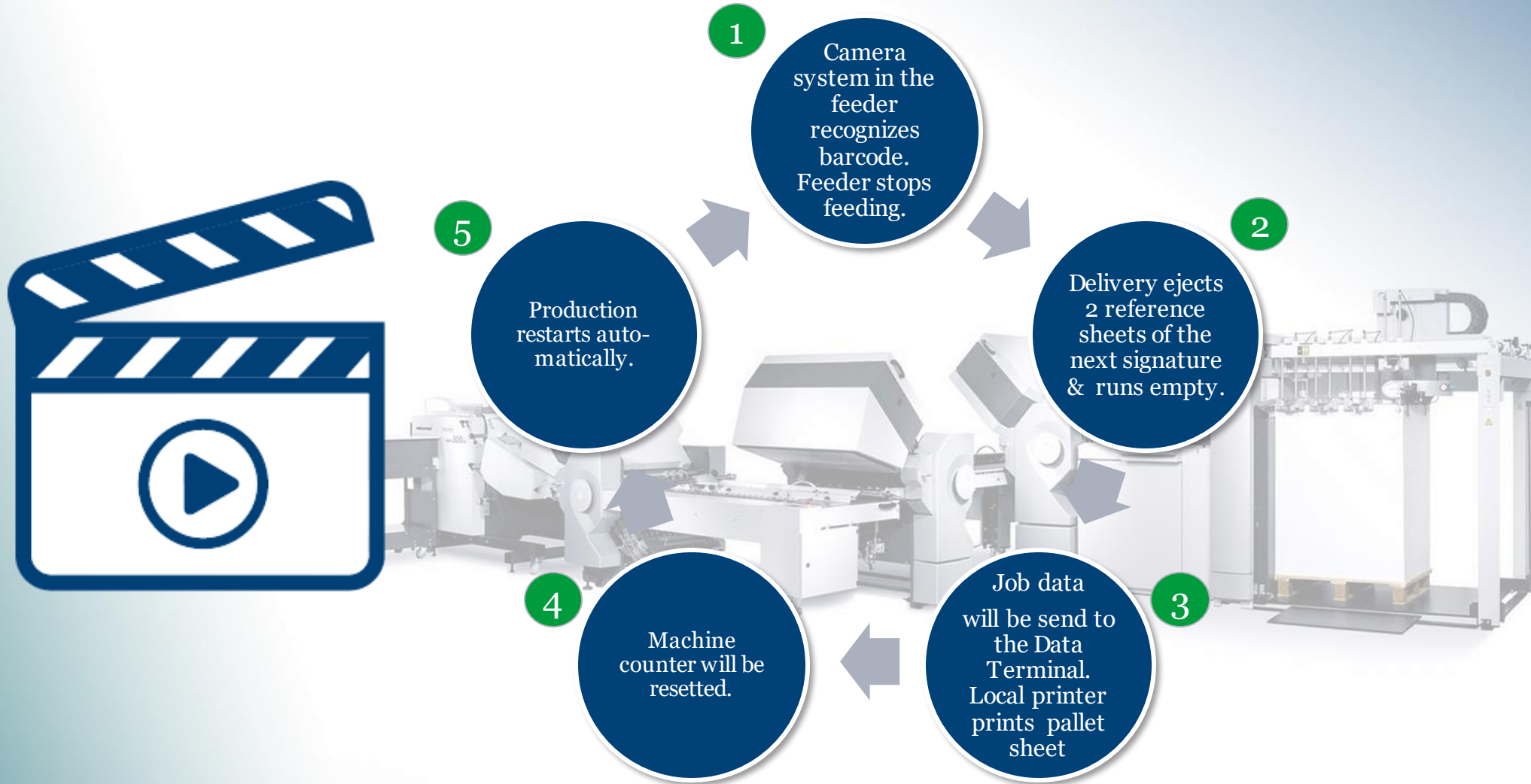
Push to Stop at Stahlfolder with PFX-feeder.
How does it work?

Autonomous signature production at Stahlfolder with PFX feeder.

1 Camera system in the feeder recognizes barcode. Feeder stops feeding.

2 Delivery ejects 2 reference sheets of the next signature & runs empty.

3 Job data will be send to the Data Terminal. Local printer prints pallet sheet

4 Machine counter will be resetted.

5 Production restarts auto-matically.

Pre-requisites.

→ Working with integrated Prinect Signa Station and Prinect Production Manager 2020.

→ Stahlfolder with PFX-feeder and integrated Data Terminal 2020 (configuration of pallet sheet if requested).

→ Correct positioning of the marks „PtR_Stahlfolder_PushToStop_Feeder" and „PtR_Stahlfolder_PushToStop_Delivery" once imposing with integrated Signa Station on the back of the print sheet, recommended is the creation of product part templates with relevant place holders for the potential Push To Stop signatures .

→ One folding sheet on one print sheet, e.g. folding scheme S16-2.

→ Printing of different operations (signatures) with the same paper and same folding scheme on a waste-free pallet .

→ Manual start of the first operation and end/interruption of the last operation of the pallet.

Workflow solutions for Business and Production.
Prinect. Driving the Smart Print Shop.

Thank you very much for your attention.
I am happy to answer your questions.