INTERNATIONAL
PRINECT USER DAYS

WS 13 & WS 20
**Integrated Production 1:**
**Prepress update including automated plate**
**production with the Plate Pilot.**

Wiebke Stoltenberg

Prepress update including automated plate production with the Plate Pilot.

**A new way of printing.**

Better automation and usability

Ganged sheets optimized for your production

Plates on time for print start

Versioned production with easier checks

WORKSHOP

13

Wiebke Stoltenberg

Prepress update including automated plate production with the Plate Pilot.

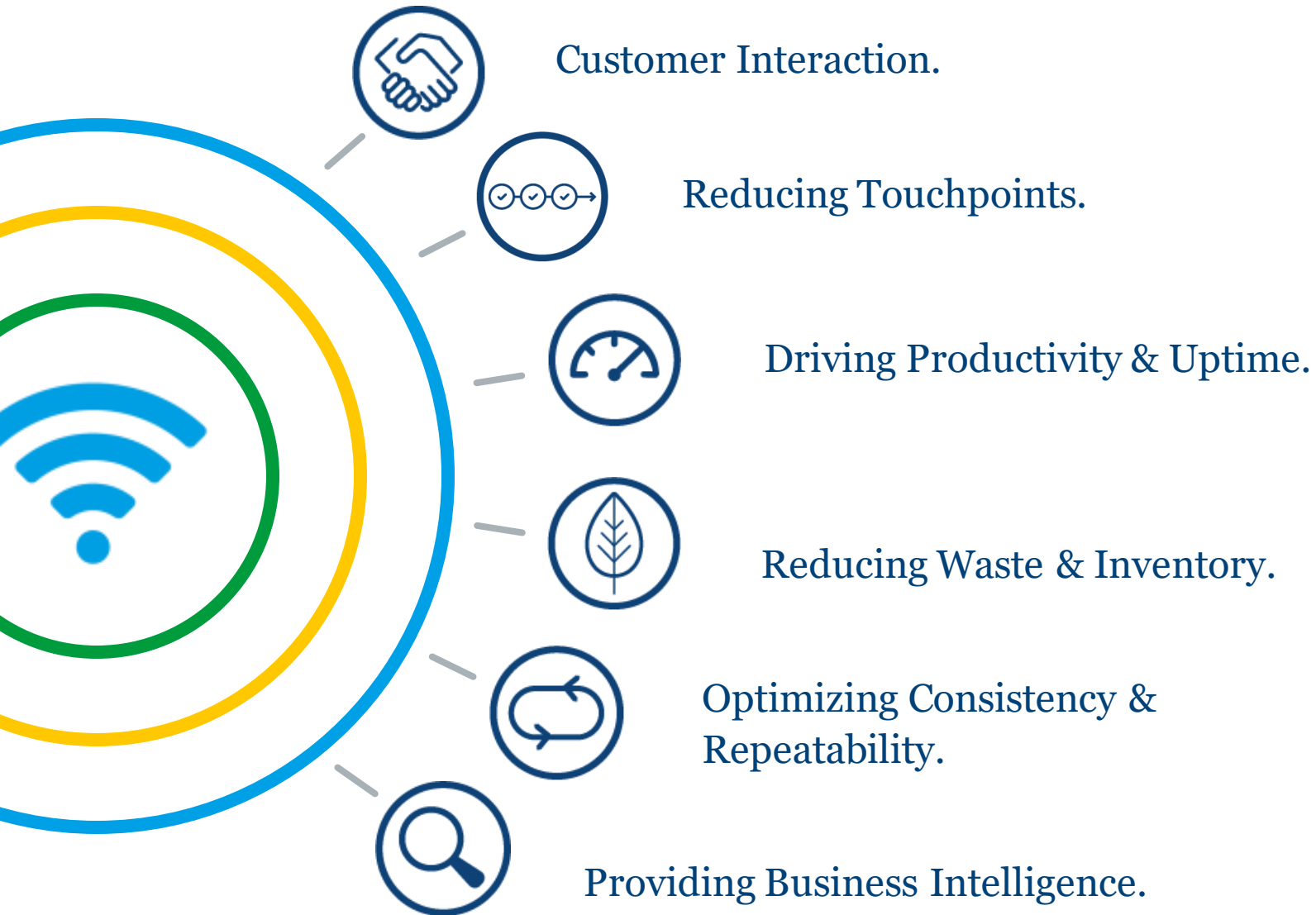**A new way of printing.**

Better automation and usability
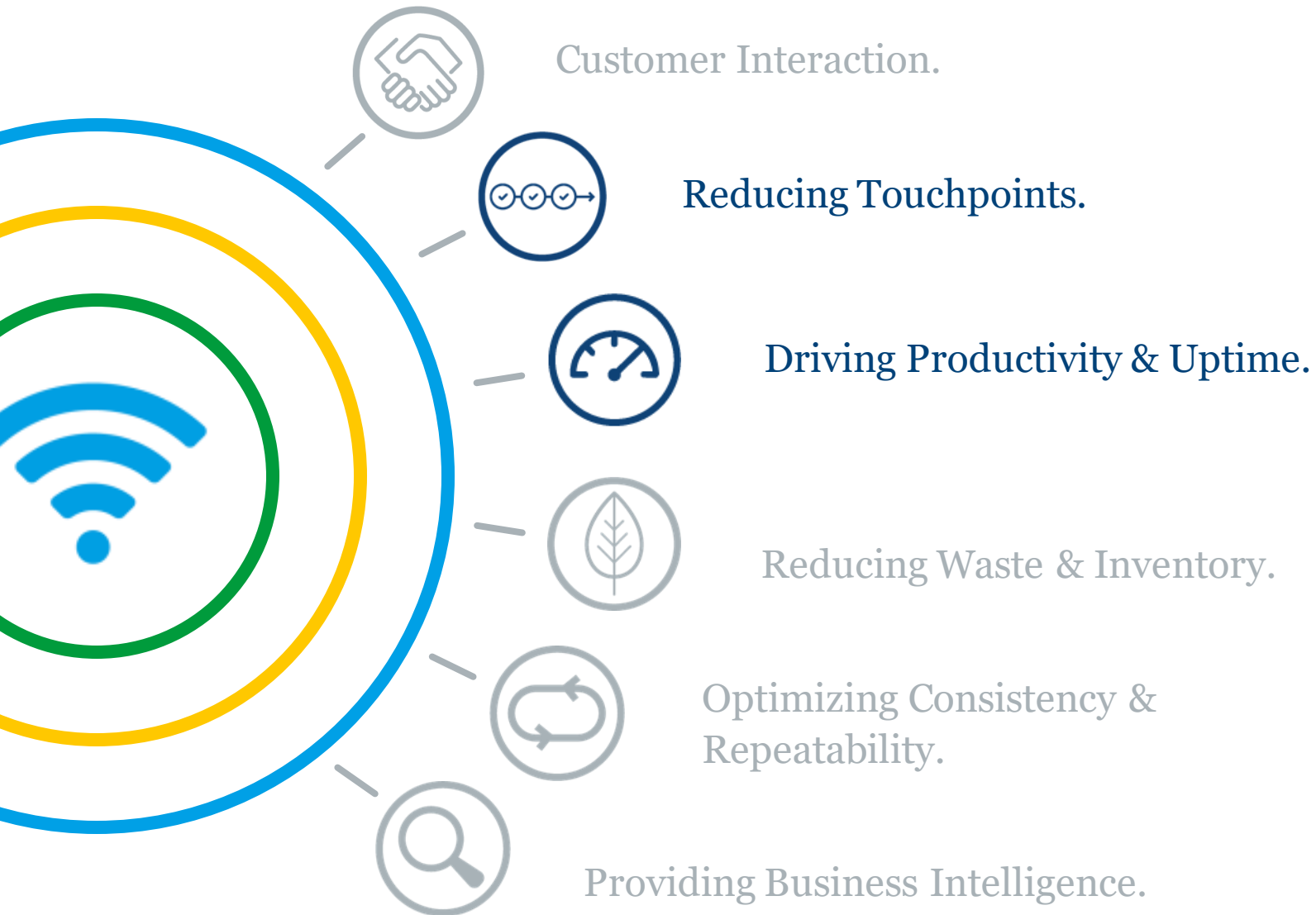
Ganged sheets optimized for your production

Plates on time for print start

Versioned production with easier checks

**WORKSHOP**

**20**

Customer Interaction.

Reducing Touchpoints.

Driving Productivity & Uptime.

Reducing Waste & Inventory.

Optimizing Consistency & Repeatability.

Providing Business Intelligence.

Customer Interaction.

**Reducing Touchpoints.**

**Driving Productivity & Uptime.**

Reducing Waste & Inventory.

Optimizing Consistency & Repeatability.

Providing Business Intelligence.

Ganging. Automatic gang sheet creation –
fitting your production.

# Ganging.
## Gang form generation with automatic optimization.

→ Gang job candidates put in gang pool
→ Pre-set Gang Server
    → Picks candidates out
    → Optimizes gang forms
    → Rates them:
    → forms matching criteria forwarded
    → others dismissed, then disassembled and candidates put back to the gang pool

# Signa Station / Signa Server:
## optimization parameters



**Only One Press Sheet**
+ Optimal result for the press sheet
− some jobs may not be processed

**Delete Press Sheet with Red Rating**
+ As many as possible "perfect" sheets

**Both options disabled**
+ All imported jobs are processed
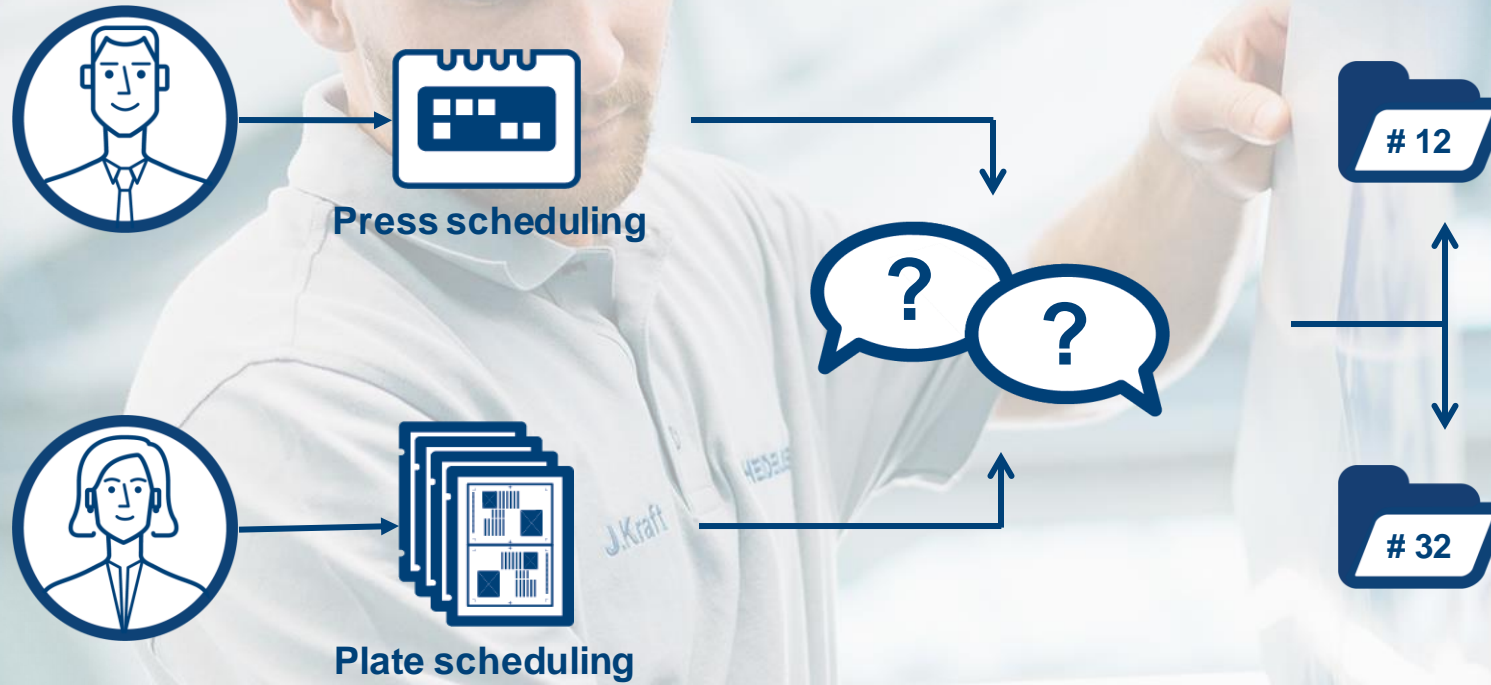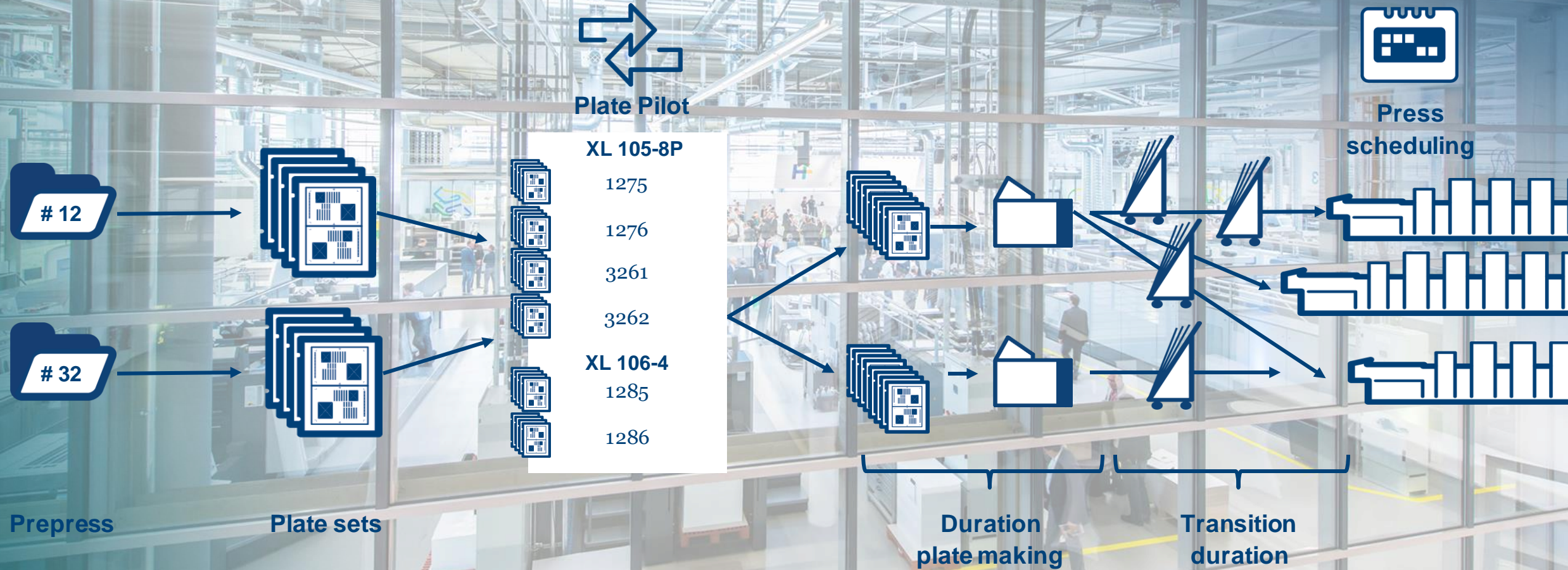− Press sheets that do not match your requirements 100% may be the result

Plate Pilot. Push-to-Stop Plate Production.

# Daily …

Press scheduling

Plate scheduling

# 12

# 32

# Plate Pilot: Principle

**Plate Pilot**

**XL 105-8P**

1275

1276

3261

3262

**XL 106-4**

1285

1286

**Press scheduling**

**Prepress**

# 12

# 32

**Plate sets**

**Duration plate making**

**Transition duration**

How does Plate Pilot do this?

# Plate Pilot.

→ Pauses prepress workflow after Tiff-Bs are rendered
→ Automatic rule-based or manual creation of plate stacks according to printing start
→ Batch-submission of plate sets to platesetter -> correct order of plates on trolley at the press
→ Can be used for any platesetter  (Suprasetter, Shooter, or 3rd party via external platesetter)
→ Integrates with scheduler (or connected MIS)
→ Signals status of plate setter with external lamp

**Automatic Plate Stack Creation**
→ Rule-based creation of plate stacks (printing start time, TIFFB-Availability)
→ Considers stack size, recording and transportation time
→ Relies on scheduled print work steps for correctly sorted plate stacks

**Automatic Plate Stack Recording**
→ Rule-based forwarding of plate stacks to free platesetter
→ Most urgent plate stack is forwarded
→ Somebody/something  must take care of trolley change

*Press scheduling ⬇ plate automation!*
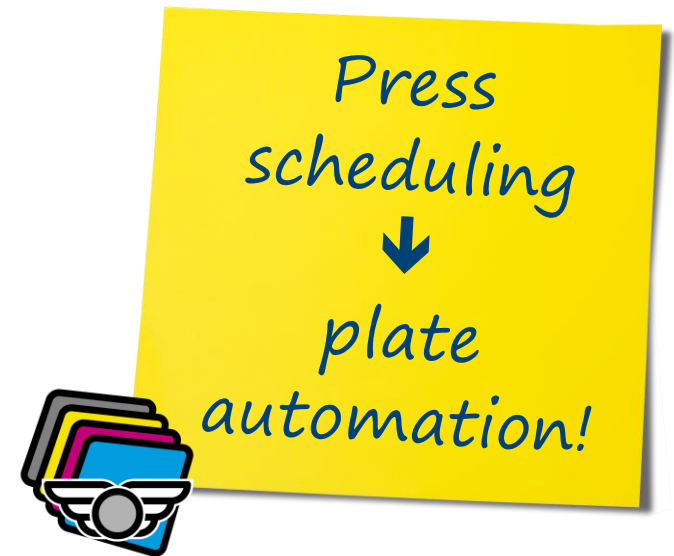
**Organizes plate output according to press schedule.**

TIFFs sorted by schedule

Presses

Plate Pilot.
Main Portal Widget.

Plate stacks

CtP devices

## Pilot Lamp. Remote Status Signal.

→ Standard electric bulb controllable via WLAN (currently Philips Hue)

→ Signals platesetter status "anywhere" in the print shop:
Error, waiting, idle, recording

→ Configurable with Plate Pilot

→ Several lamps supported

→ Assign lamp to one or more platesetter

## Pilot Lamp. Remote Status Signal.

→ Standard electric bulb controllable via WLAN (currently Philips Hue)
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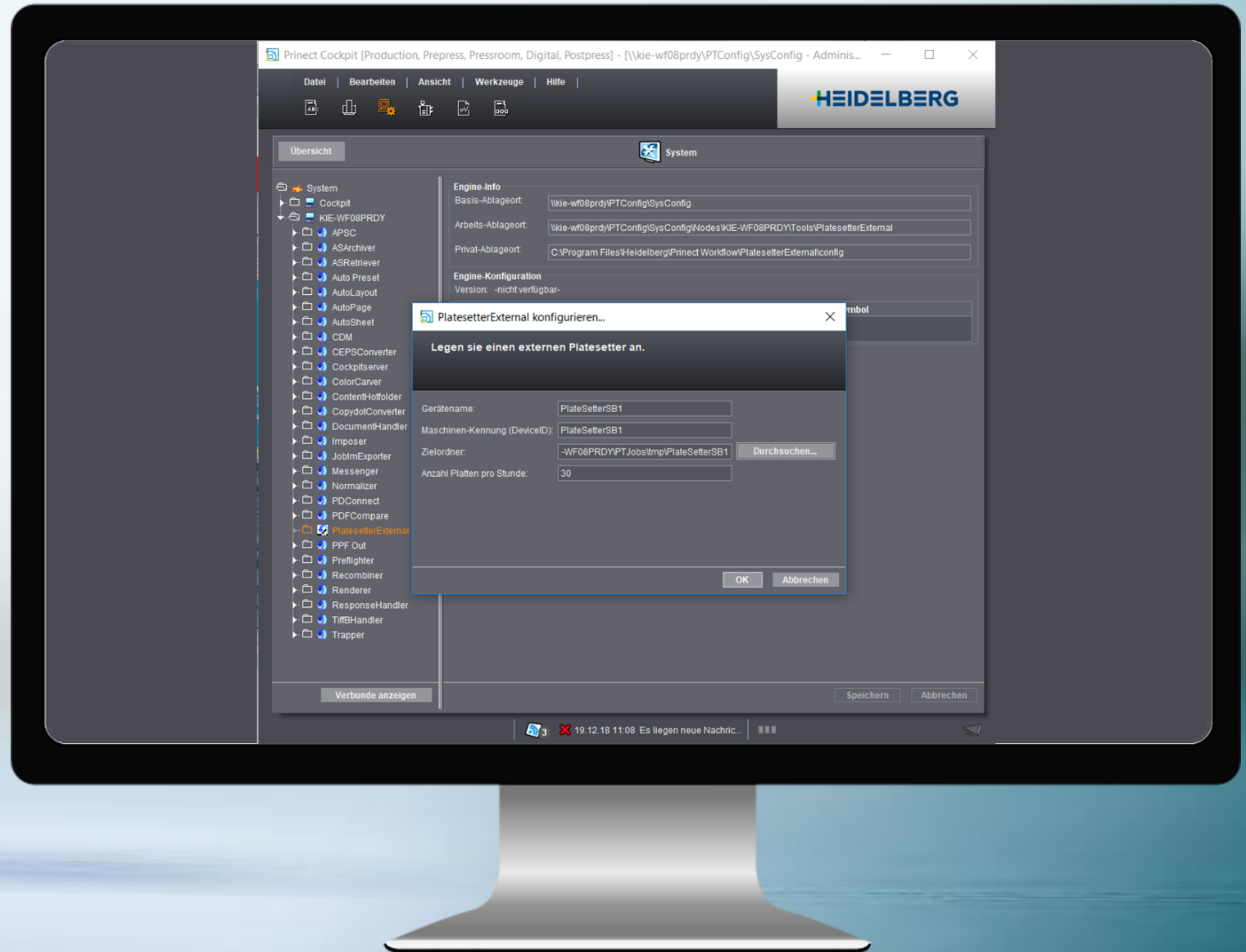
**Signal platesetter status anywhere in the print shop.**

# Prinect Plate Pilot 2020 Improvements.

→ **Activation**

→ View-Only-Mode

→ Use selected platesetters only

→ Configuration of external platesetters

→ Bypass the Plate Pilot

# Prinect Plate Pilot 2020 Improvements.

→ **Utilization**

→ Re-render Tiffs when press schedule changes

→ Pre-defined work- and accounting types for plate remake

→ Pause/Resume platesetter queues

→ Mobile Widget for platesetter control

# Prinect Plate Pilot 2020 Improvements.
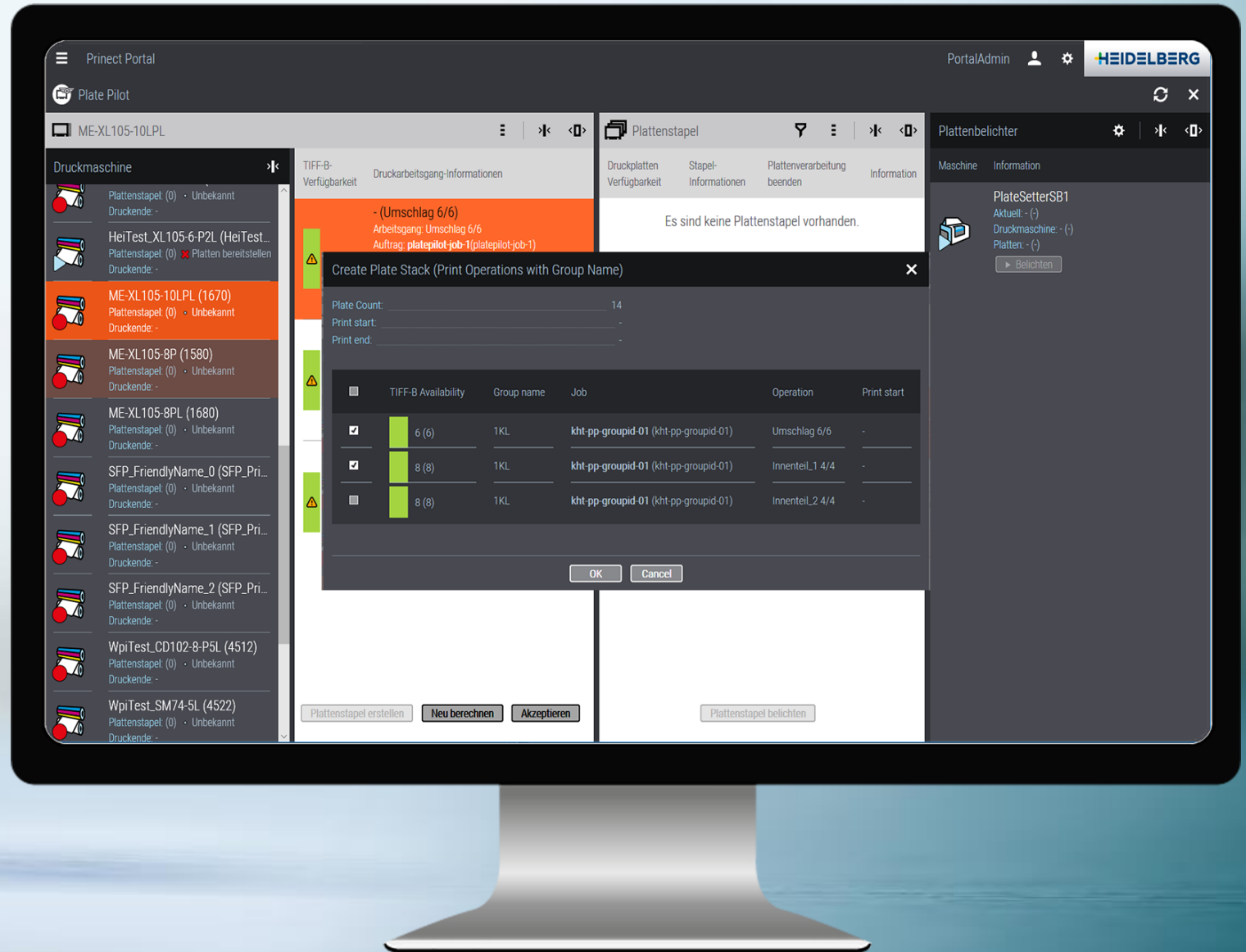
→ **Convenience**

→ Improved sorting of work steps

→ flexible plate stack creation

→ One-click plate stack release

→ Group versioned sheets into one plate-stack

→ Obey Scheduler work step grouping

Live
demonstration.

# Versioning – checks made easier.

# Plate Pilot.
## Versioned jobs from MIS to Finishing.

→ Data Optimization
→ Impositioning
→ Plate + Proof output
→ Print
→ Finishing

**BUSINESS MANAGER**

**PREPRESS MANAGER**

**PRESSROOM MANAGER**

**POSTPRESS MANAGER**

**Job generation**
**Versioned Job**
→ English
→ German
→ French
→ ...

**Data Optimization**
→ Split + Check and Optimize Pages

**Impositioning**
→ Versioned Layouts (sev. lang. / sheet)

**Output**
→ Versioned Proofs (check base and language)
→ Plates

**Printing**
→ Versioned print (text layer plate change)

**Finishing worksteps for**
→ Cutting
→ Folding
→ Binding

# Plate Pilot.
## Versioned jobs from MIS to Finishing.

→ With remote approval, scheduling, and finishing – further improvements based on user feedback
→ Business Manager provides versioning info utilized in Prinect
→ Planning Assistant helps if MIS doesn't / no MIS delivers info

# Versioning checks – more comfortable.

→ **Versioning Report shows issues "per page"**

→ **Versioning Assistant can be opened from Pagelists in Cockpit**

→ Pagelists of different Versions can be checked from there (same length, all positions available)
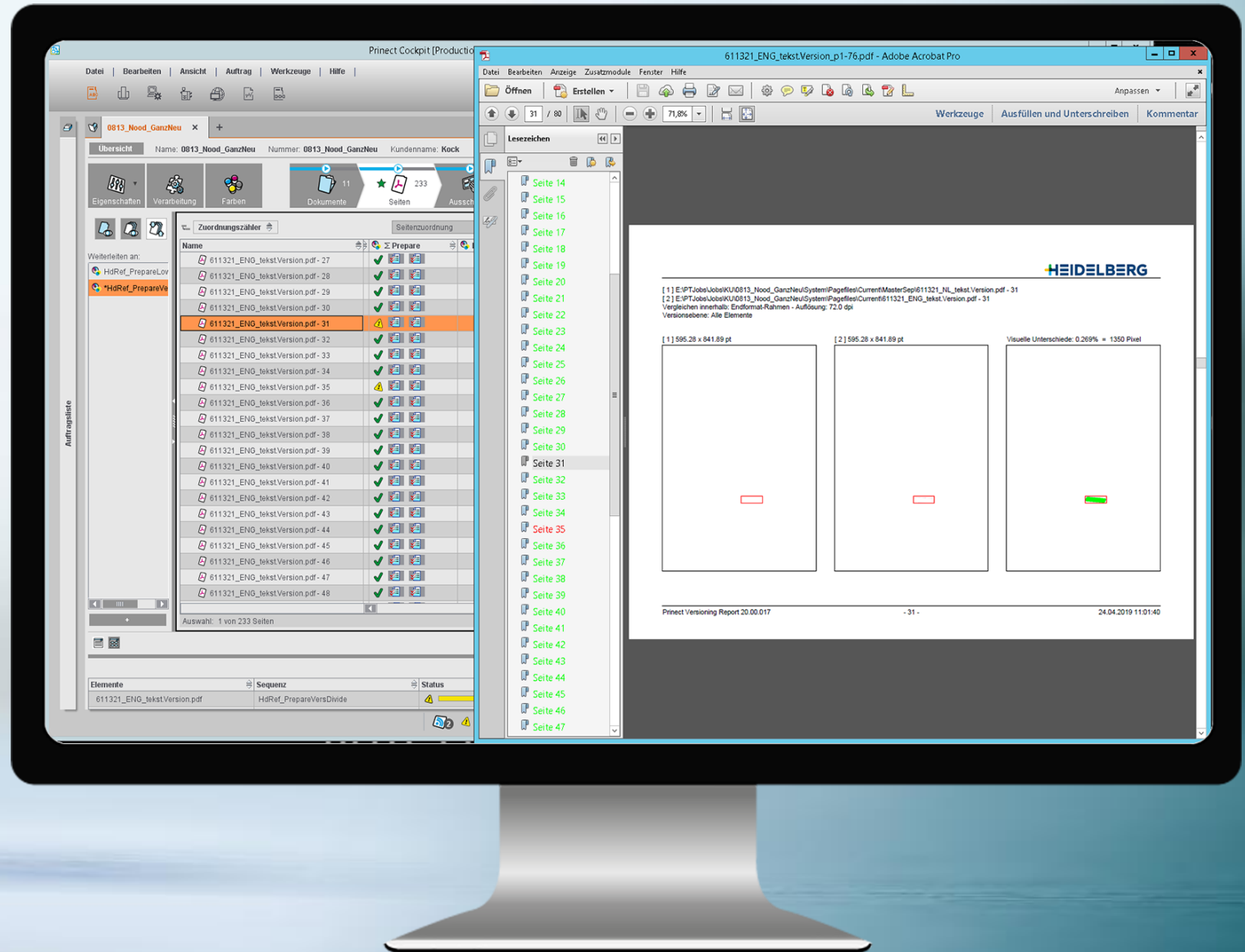
# Versioning – Plate reuse calculation.

→ **Can be opened from Separations View now**

→ Gives warning in case of missing previews

→ Compares inside trim box, only

→ Tolerance for comparison is increased

→ Results can be corrected
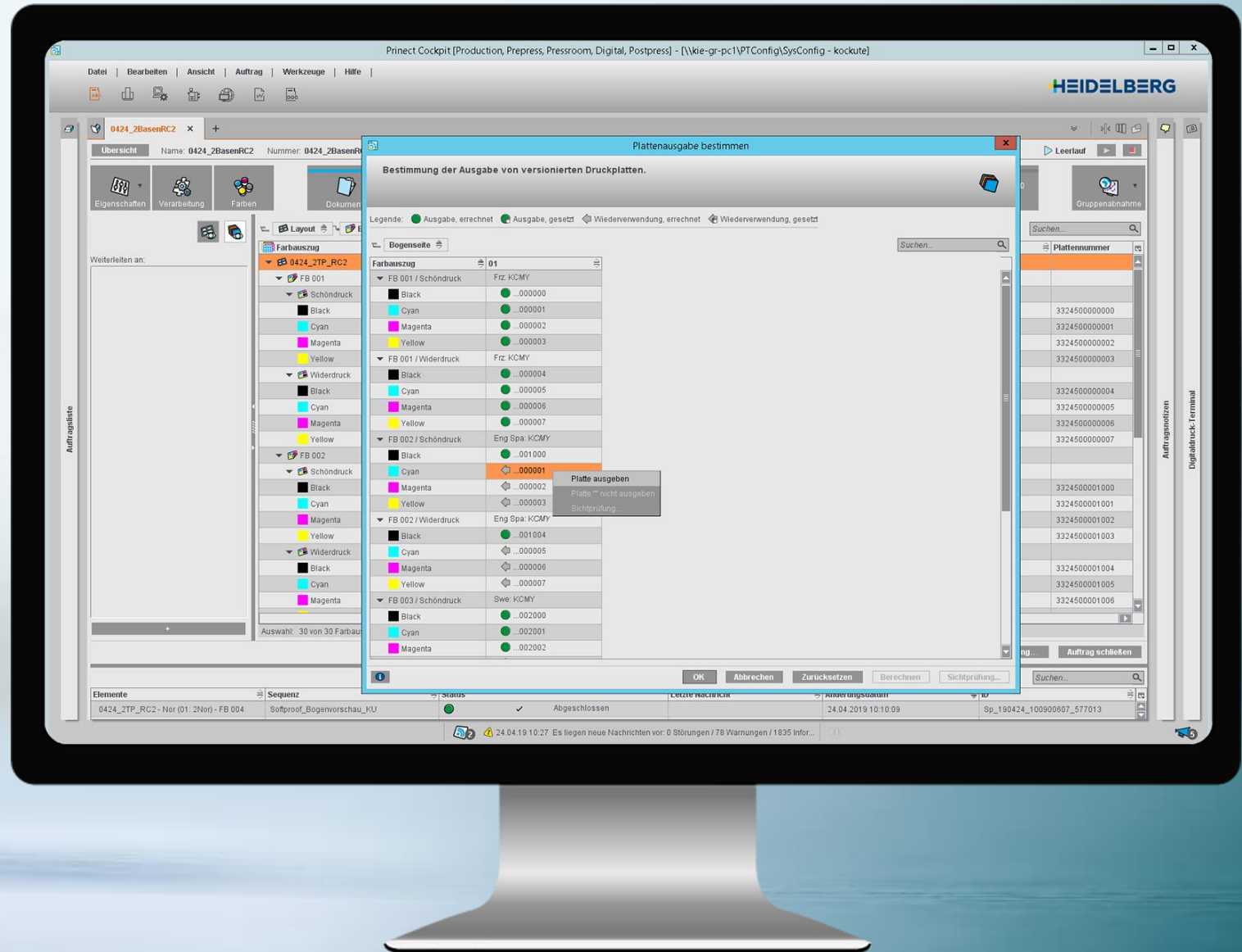
Live demonstration.

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

Thank you very much for your attention.
**We are happy to answer your questions.**