

Workshop Number 6

Which doors can Prinect Press Center open?

INTERNATIONAL
PRINECT USER DAYS

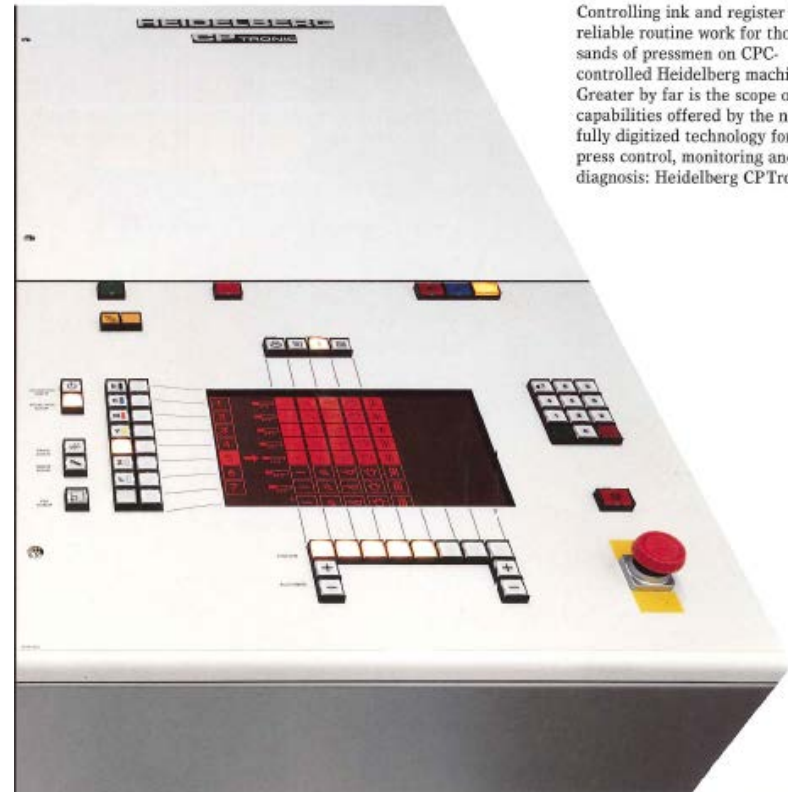
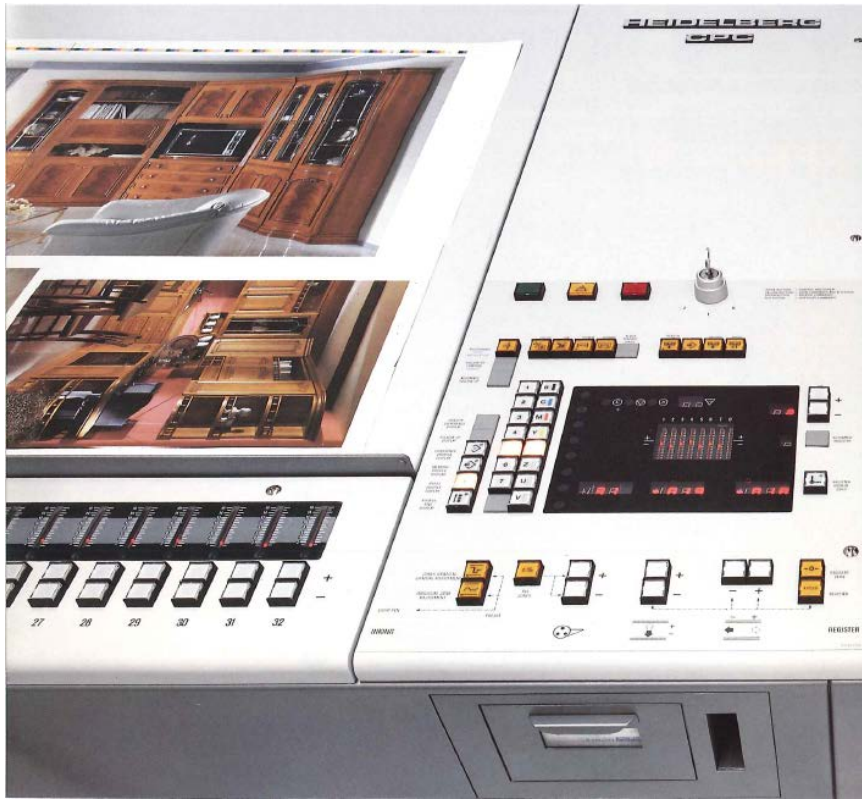
18th and 19th
November 2015





Drupa 1990

Where CPC ends CPTronic starts.



Controlling ink and register is reliable routine work for thousands of pressmen on CPC-controlled Heidelberg machines. Greater by far is the scope of capabilities offered by the new, fully digitized technology for press control, monitoring and diagnosis: Heidelberg CPTronic.



IPEX 1998

CP2000 Center – One Touch Productivity



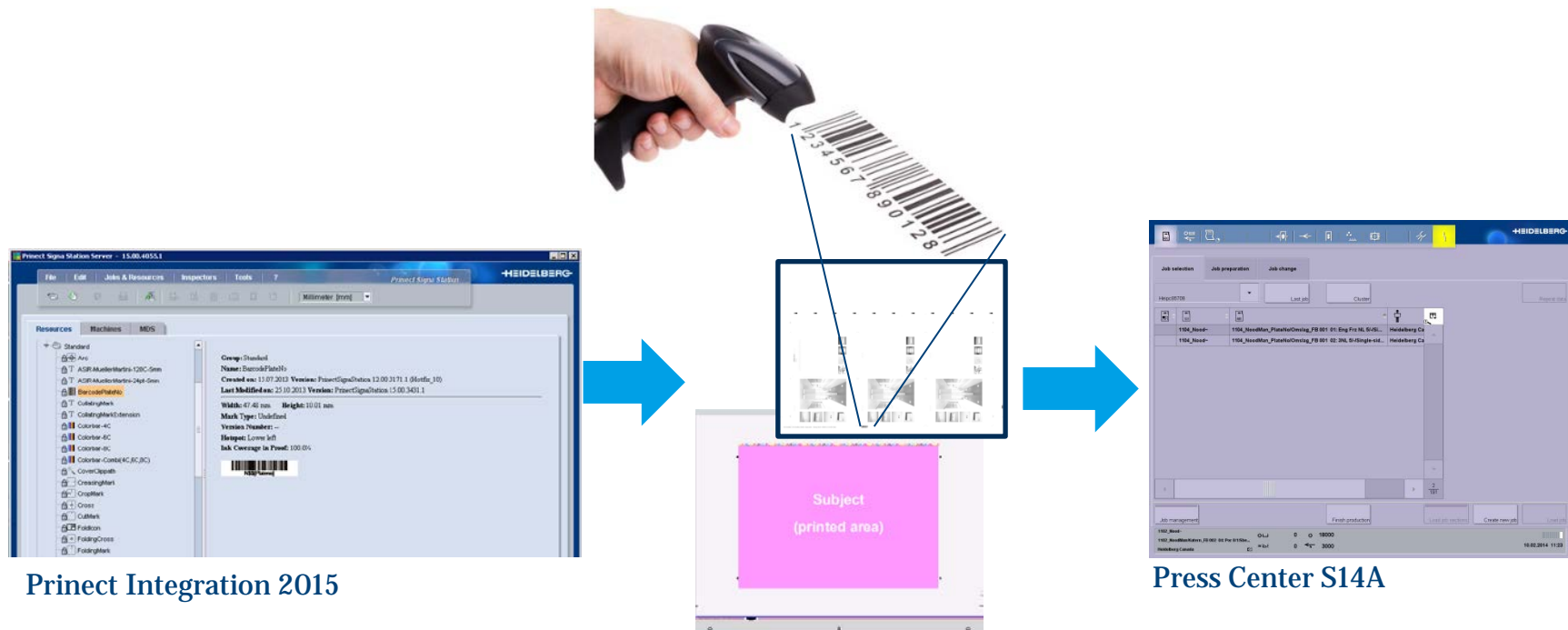
Drupa 2008 until today Prinect Press Center and Wallscreen





Automatic job selection at the press

- Generation of unique plate code marks
- Placement of plate code barcode on the imposition sheet template
- Secured and automatic job selection by scanning the plate code barcode at the press. Most beneficial once working with various similar job parts.



Princt Integration 2015

Press Center S14A



Intellistart saves ways

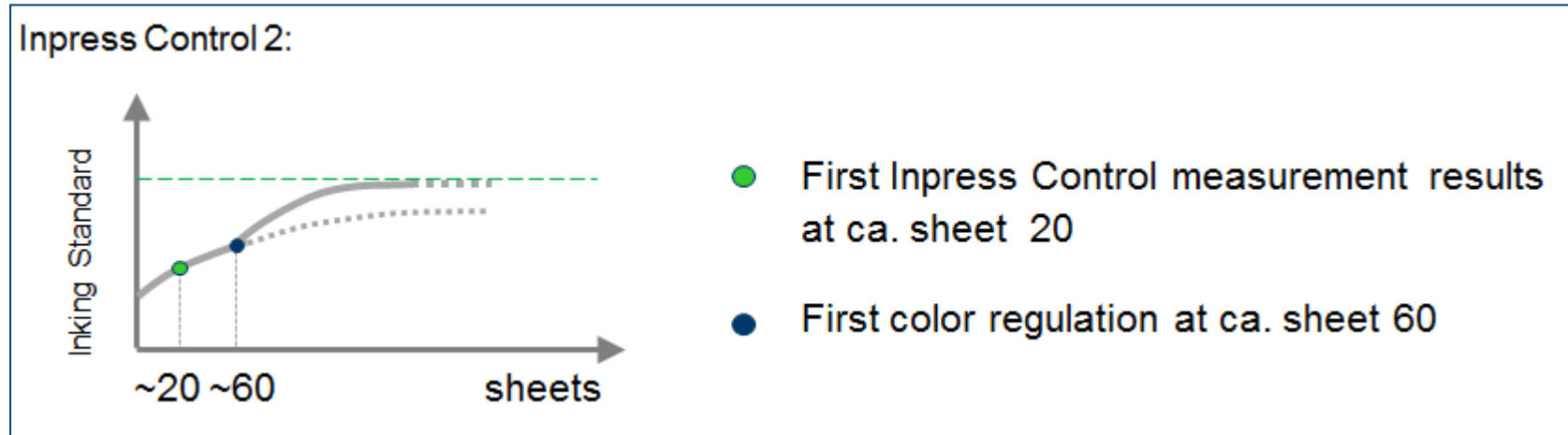
→ Job start and end are integrated in the sequence

The screenshot displays the Heidelberg Intellistart control interface, organized into three main sections: Job selection, Job preparation, and Job change.

- Job selection:** A list of tasks for a standard job change, including 'Save current job', 'Set registers to zero', 'Confirm job' (highlighted in orange), 'Start job', 'Washup', 'Change plates', 'Sheet size adjustment', 'Set up paper run', 'Preinking start', and 'Start production'. A note at the bottom indicates 'Adjust gripper height on transfer cylinder'.
- Job preparation:** A sequence of job steps:
 - BCD-TXT-0~
 - BCD-TXT-009 PD-36553 Barcodeunterstuetzung durch Online Ma...
 - FEZ-Testlab
 - 3009 Sheets (with a 1000 icon and a 123 icon)
 - Rheinhessen satin (with a g/m² icon)
 - Glossy coated (with color selection icons: white, grey, yellow, cyan, magenta, black)
 - Glossy coated
- Job change:** A vertical column of control buttons on the right side:
 - Status display
 - Details
 - Paste
 - Activate / deactivate
 - Refresh/Reset (circular arrows icon)
 - Print/Check (crosshair icon)
 - Warning/Error (red diagonal lines icon)

Prinect Inpress Control 2

→ Improved measuring and regulation algorithm



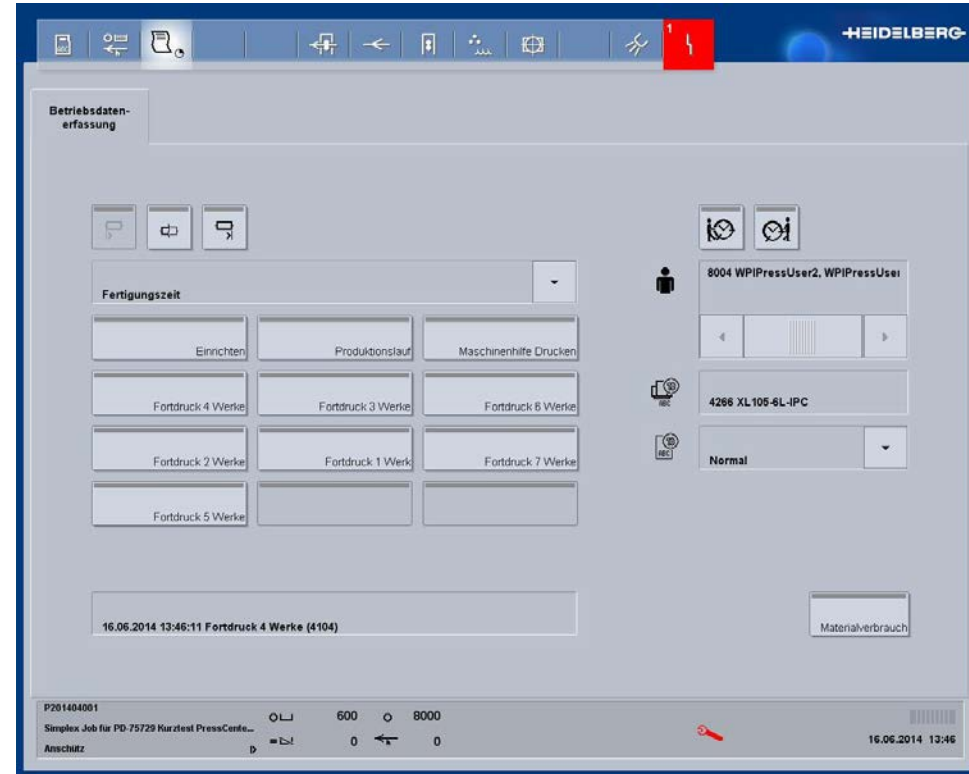
→ Measuring and regulation of print control strips on metallized and transparent substrates. Necessary conditions:

- Opaque white under the print control strip.
- Opaque white has to be stable before measurement.



Integrated shop floor data collection

- **Production time** („Makeready“ and „Good production“)
- **Pre-defined messages** („Job start“ and „Log-in“ etc.)
- **Messages** („Pause“ and „Print pallet sheet“ etc.)
- **System messages** („Washing blanket cylinder“ and „Washing impression cylinder“ etc.)



As of Press Center Software S14A and Prinect 2015 the currently running operation are displayed

Feeder stopp, what does that mean?

Shop floor data collection at Prinect Press Center



→ Input of material consumptions

Examples: Consumption messages

E Rollenetikett



e2

P Einwegpalette 75 x 105 cm



p4

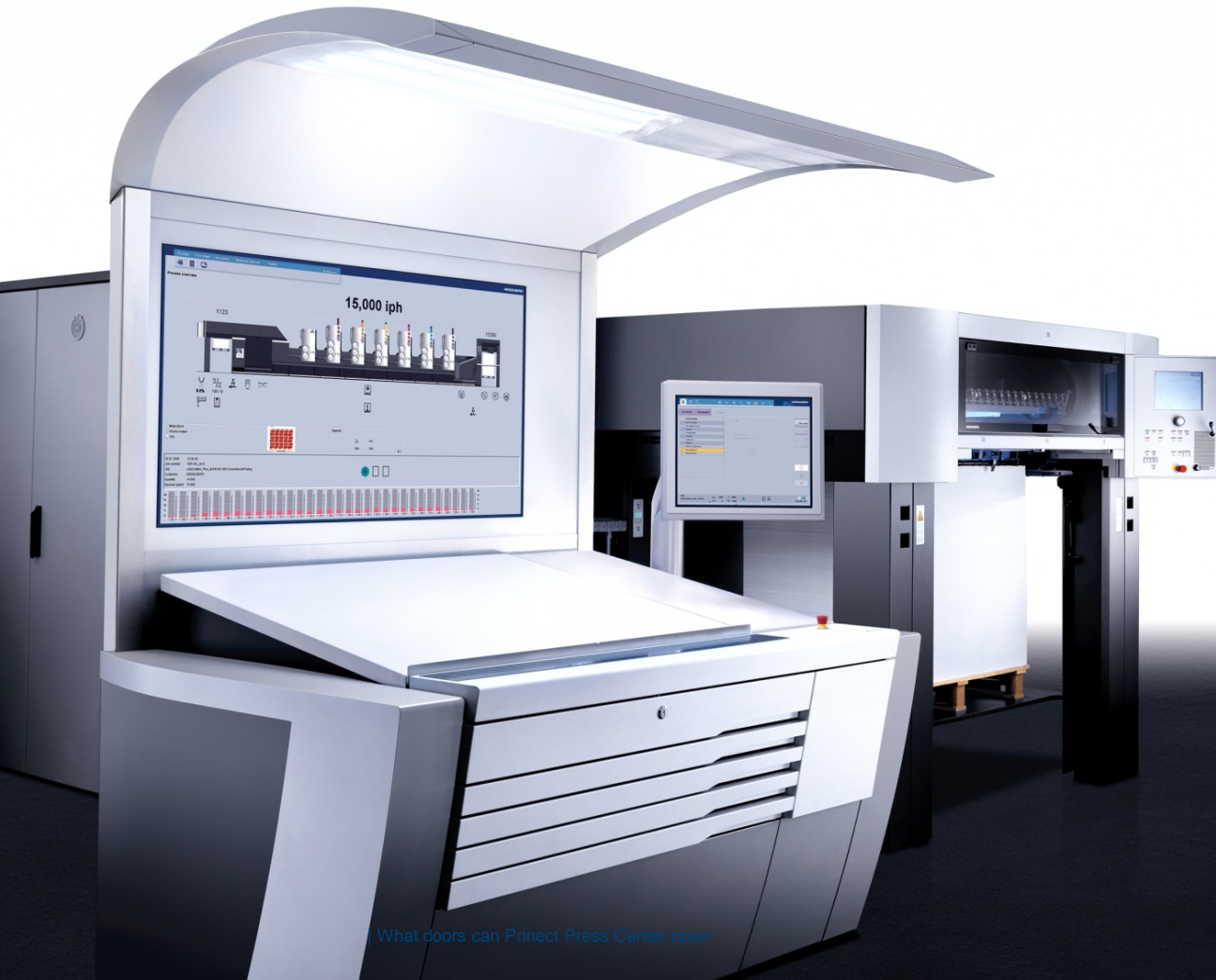




Plate on demand

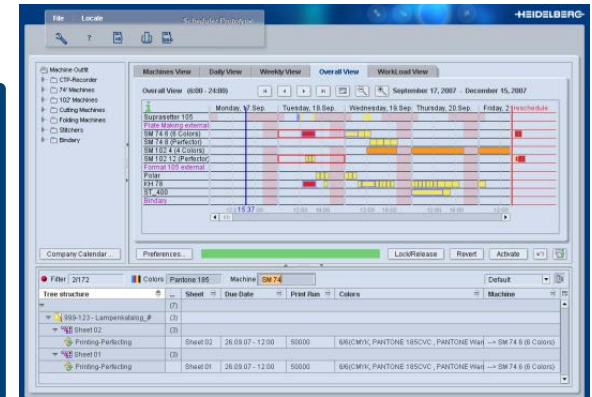
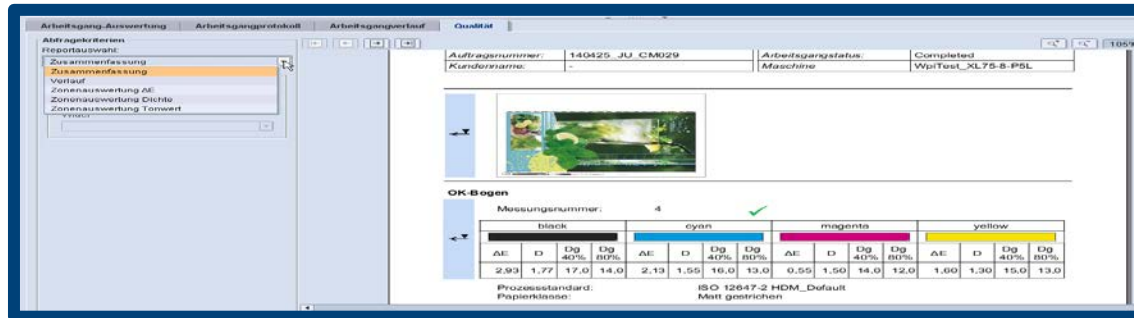
- A new plate is produced simply by pressing a button on the Prinect Press Center touchscreen
- The required plate is selected from the job list
- Operators can initiate plate production themselves, without needing special prepress skills





Access other applications Wallscreen is open to the outside world

→ Prinect Cockpit, e.g. with Analyze Point or Scheduler



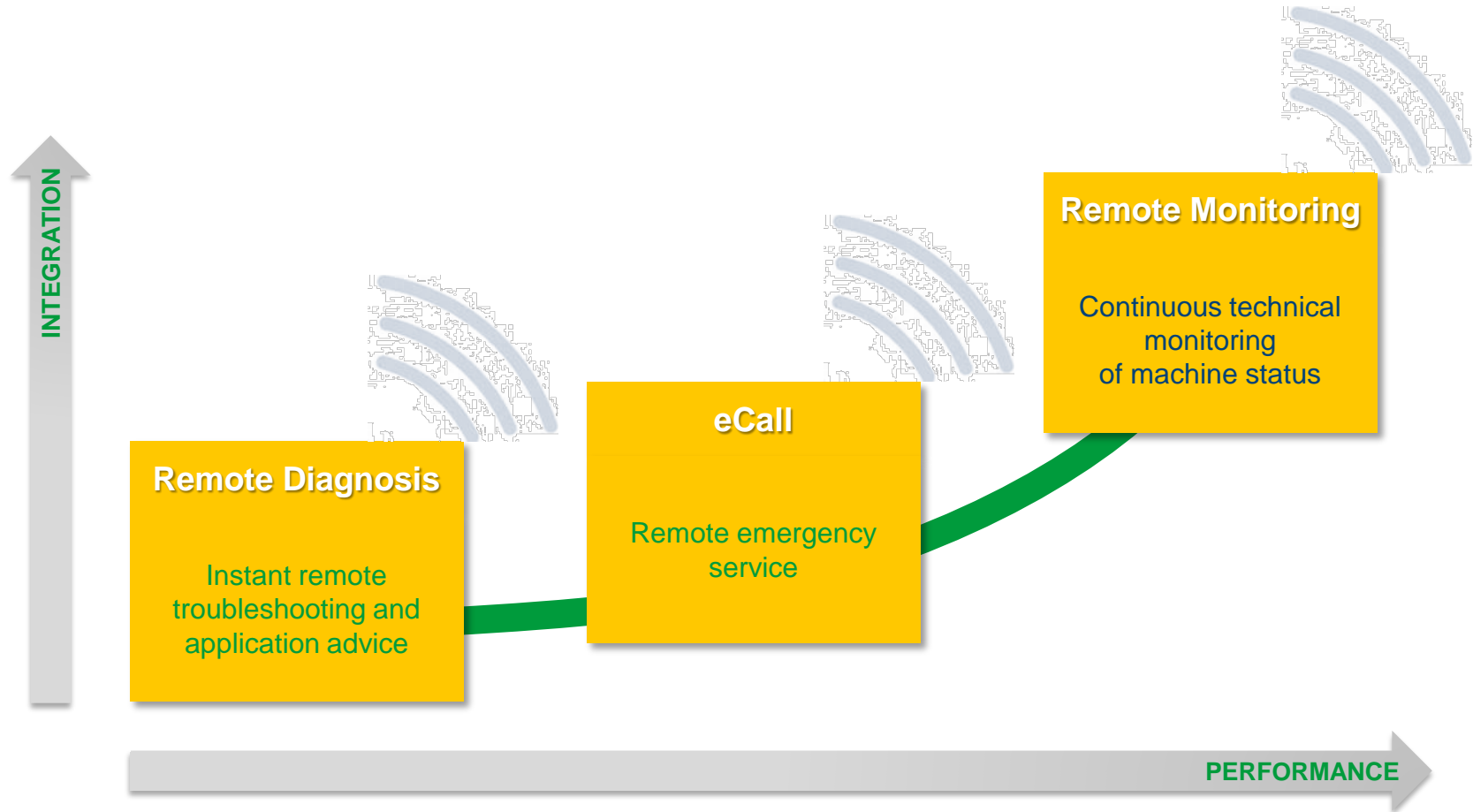
→ Prinect Performance Benchmarking



→ Own applications



Remote Services from Heidelberg: services for increased productivity





Output of pallet sheets made easy

1. Automatically with pile change
2. With the push of one button at the press

- Easier identification of pallets in postpress area or intermediate stock
- Less searching and questioning efforts





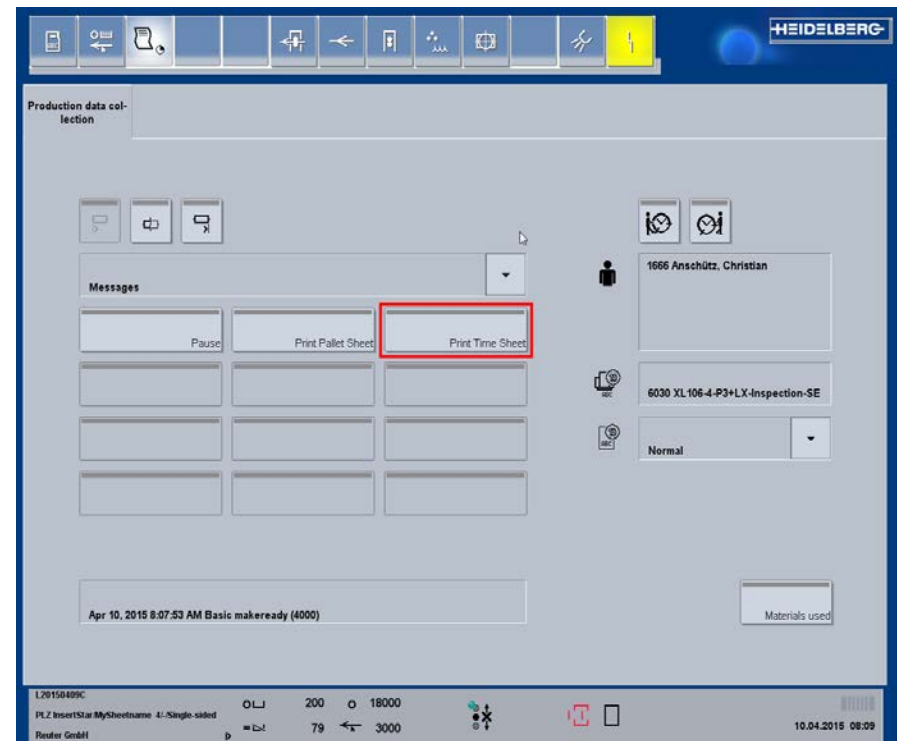
Activate timesheet print-out at the press

1. Automatically with log-off by the operator
2. By pressing a button at the Prinect Press Center



- Shop floor data collection to be checked by the operator at the press
- No Cockpit access necessary!

Prerequisite: licensed Analyze Point





Convenience functions give more security and make life easier

→ Upgrading Prinect Press Center

→ Also for Prinect CP2000 Center good functional enhancements are possible