LET'S CONNECT

PRINECT USER DAYS

Workshop 1 / 13

Prinect Production Commercial

Prinect 2021.10. **Workshop in a Nutshell**

1. **Continuous Releases for**
   Utilization of more recent
   - Operating Systems
   - Software components like
   Prinect Press Center Mobile
   - Devices (e.g. Proofer)

   Interaction with
   - Prinect Business Manager 7.28,
   soon 7.29

   Implementation of additional functionality

2. **Connects to**
   HEIDELBERG Customer Portal
   in more than 40 countries
   - Print Shop Analytics
   - planned: Data Capture App

3. **Prinect Data Base Engine**
   → UPDATE-ANNOUNCEMENT

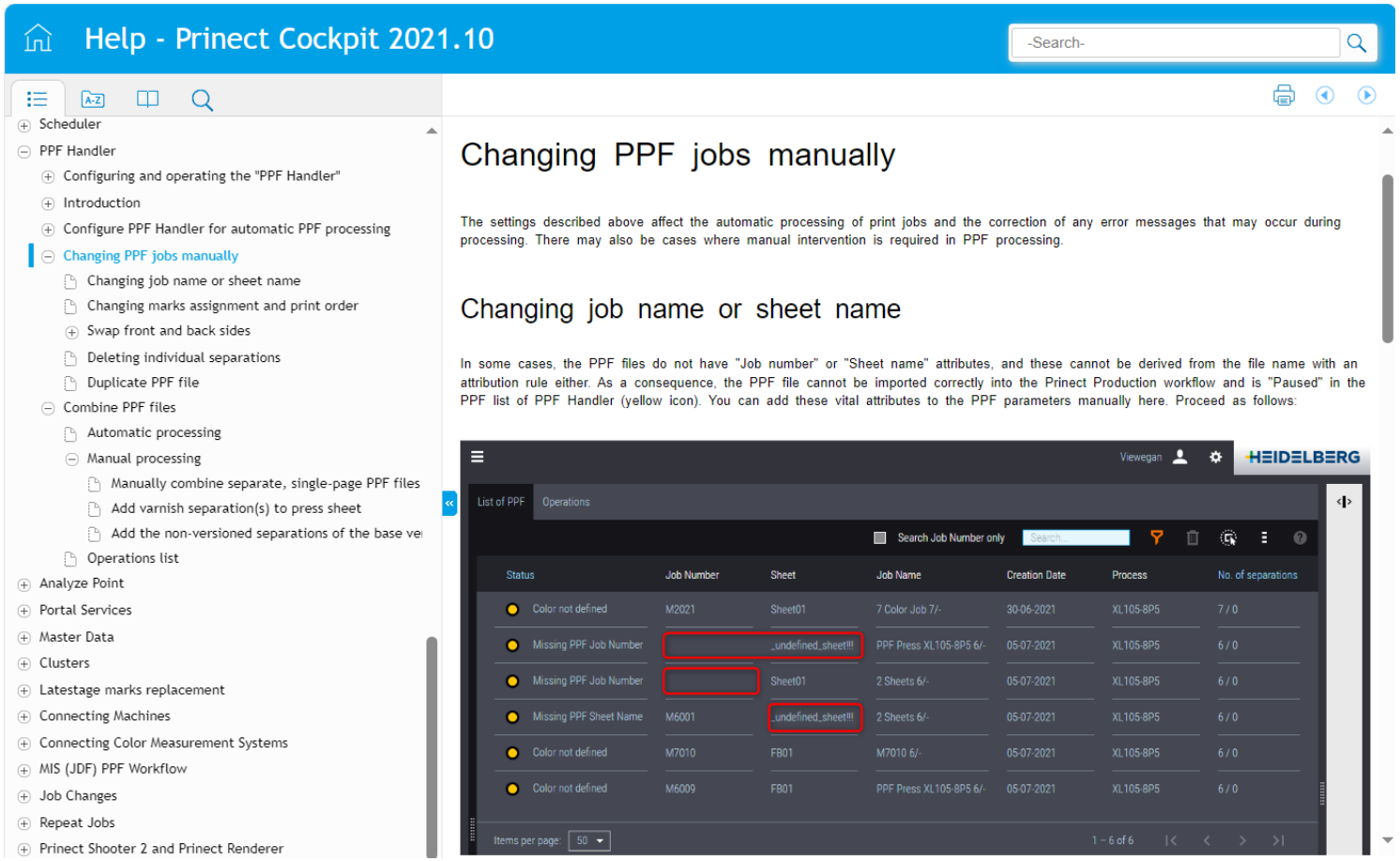
3. **Multidot: a new Screening Technology**

Prinect 2021.10.15 – brought some awaited features

1. Combiner functionality in PPF Handler

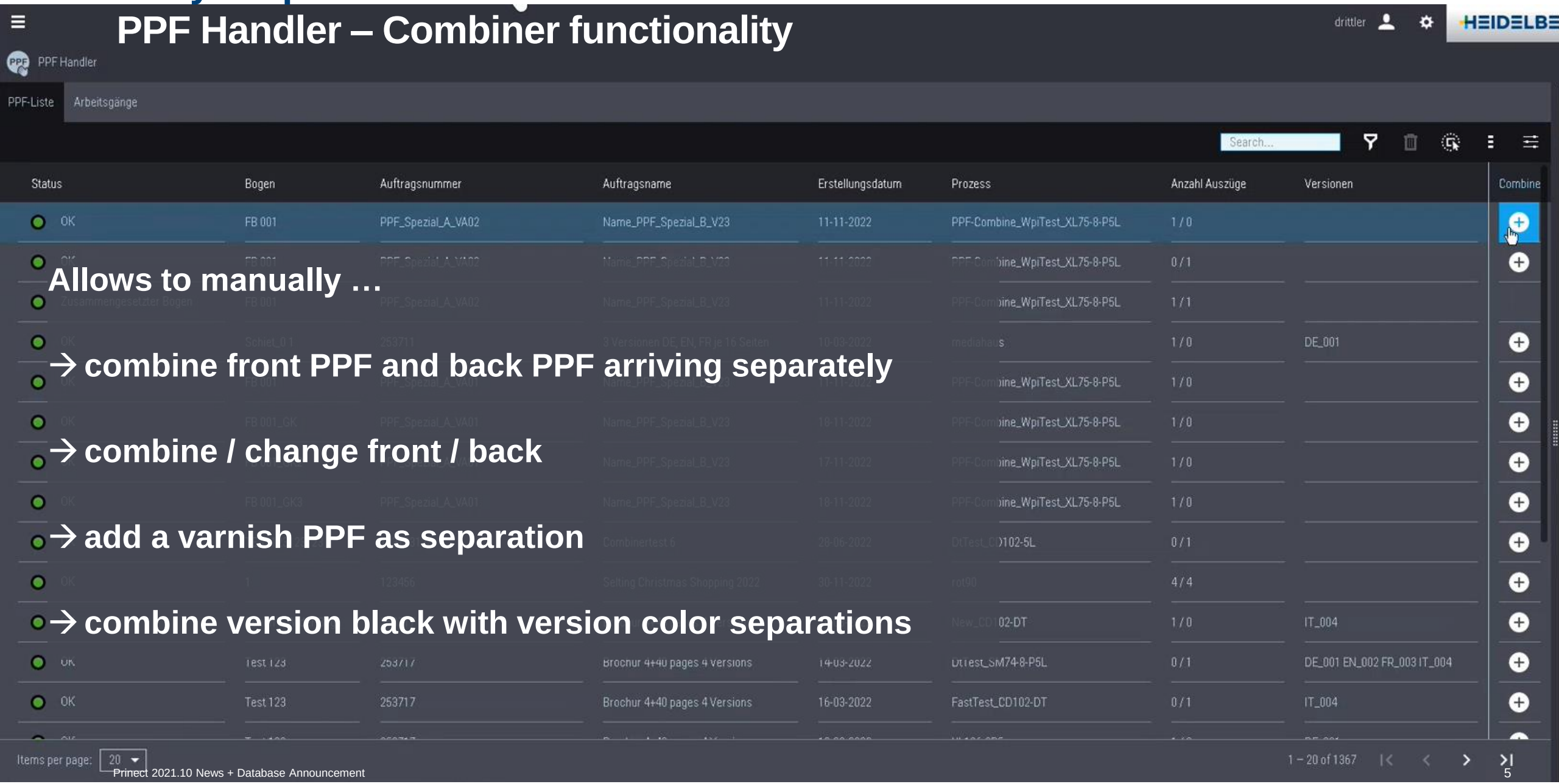
→ Automated PPF Handler available since 2021.10

→ 2021.10.15 with **Combiner functionality:**
- Combine PPF files
- effect manual changes



3rd Party Prepress with Production Press

PPF Handler – Combiner functionality



Allows to manually …

→ combine front PPF and back PPF arriving separately

→ combine / change front / back

→ add a varnish PPF as separation

→ combine version black with version color separations

Prinect 2021.10.15/16. Some highly welcome features

1. Combiner functionality in PPF Handler

→ Automated PPF Handler available since 2021.10

→ 2021.10.15 with **Combiner** functionality **released**
- Combine PPF files / effect manual changes

2. MAC OS13.2 (Ventura) released for Prinect

→ new Macintoshes usable “off shelf”

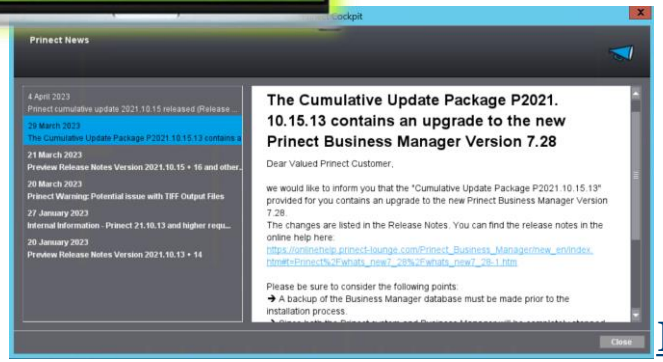
→ special benefit for
Prinect PDF Toolbox: native mode

(macOS Sonoma in final test with
P2021.10.28 / PDF Toolbox 21.10.48)

3. Business Manager 7.28

Full new BM version included in
Cumulative Update Package

→Business Manager customers got “heads up”
from PMC to do backup before the upgrade



4. Color Workflow news

→ **Prinect Color Toolbox**
displays SCTV and includes
“Quality Monitor” for Prinect Image Control

→ **Prinect Multicolor** process supported by
- template for mixed screenings
- possibility to exclude marks + images
- service offer for color table optimization by SSU

→ **Pantone ® Connect**-Info
Prinect users do not need a “Pantone ® Connect” license
for Prinect Production (Color workflow, Prinect Color Toolbox, Prinect PDF Toolbox)

5. Print Shop Analytics

→ Insights displays connected **Versafire**
in Machine real time view

PI Continuous Update Information 2

2021.10.15/16 - News for Prinect Color Toolbox

- Additional new type of display: Tone value increase shown as **CTV diagram**

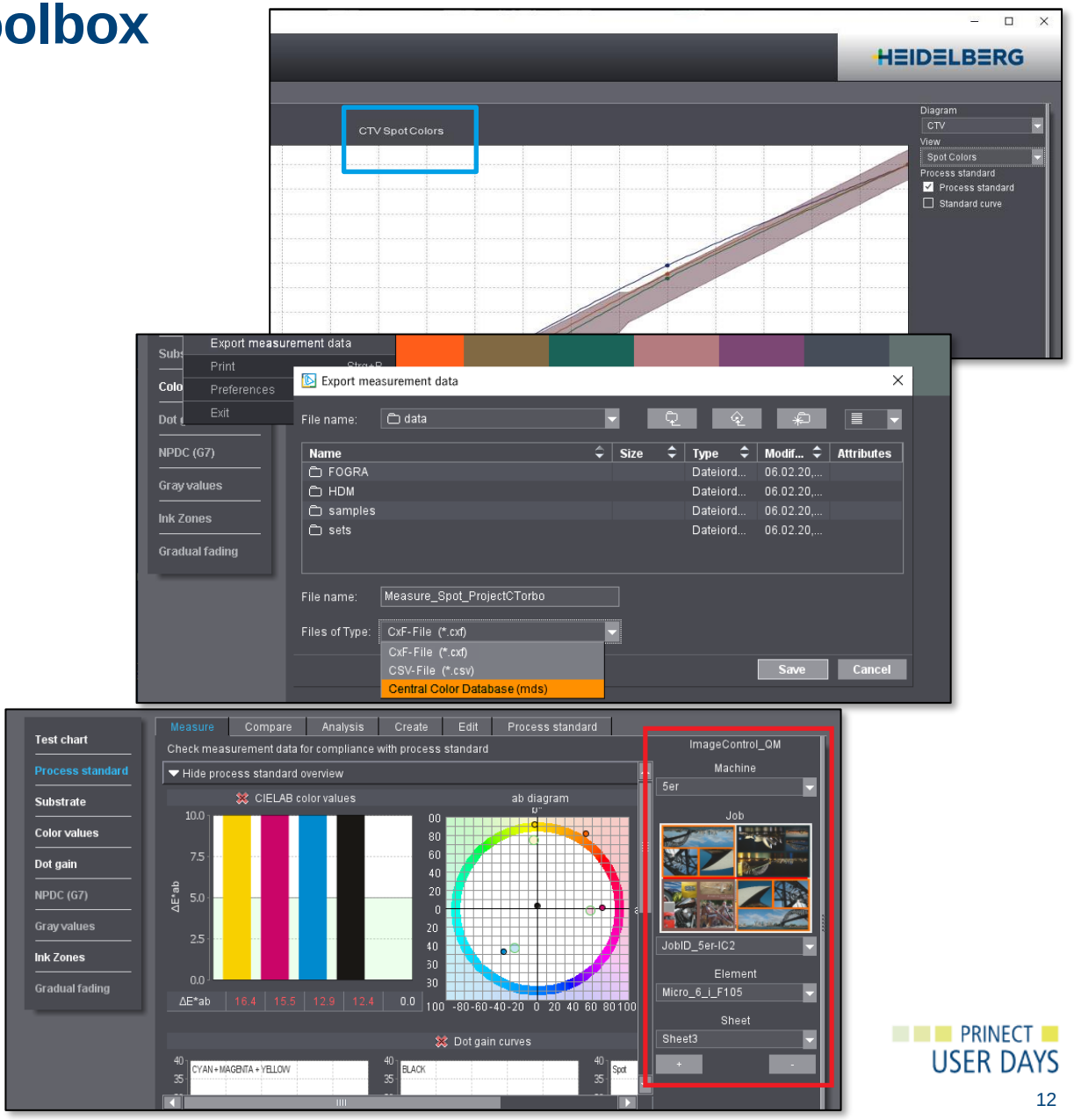
→ Recommended for spot colors Orange, Green, Violet when using Multicolor

- **Export of measuring data** out of Color Toolbox
  - Directly to color library
  - As CxF file to external applications

→ Easy data transfer based on international standard CxF

- Color Toolbox report „**Quality Monitor**“ available **for Prinect Image Control**

→ Extended functions for Prinect Image Control 4 (preview, gray balance check, …)

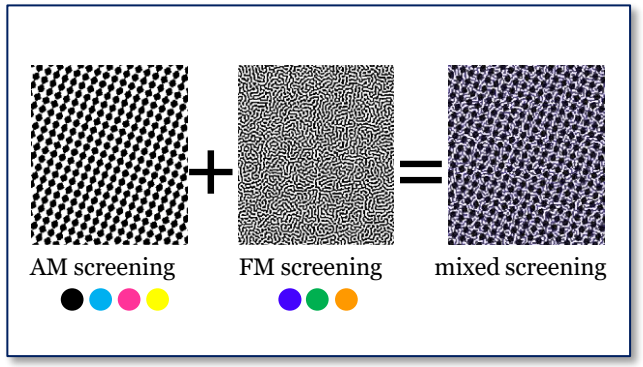


2021.10.15/16 - News for Prinect Multicolor Workflow

Multicolor mixed screening scheme available **out of the box**

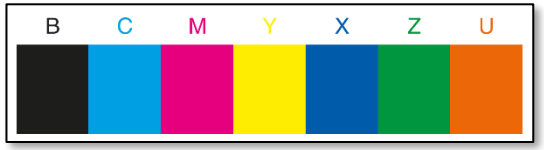
- AM screening for BCMY, FM screening for VGO

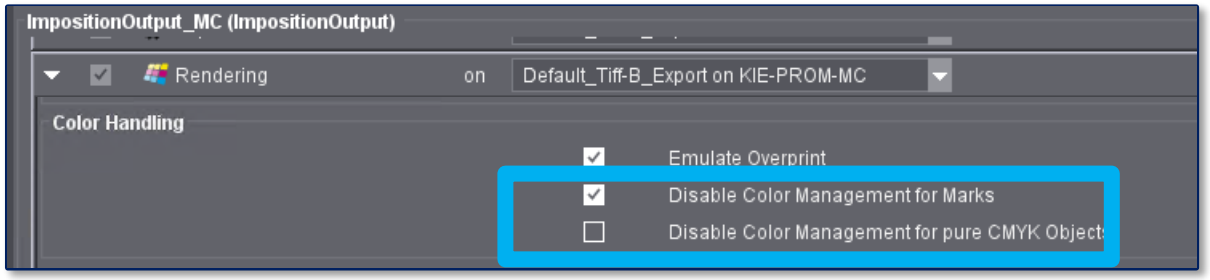
→ Multicolor sequence can be generated quickly



New button for **excluding marks and images** from Multicolor separation in order to keep them in CMYK

→ Easy way to keep marks authentical and save user‘s time





Prinect 2021.10.16. Additional Proofers and Techkon Spectro Dens with Color Proof Pro 7.3.5

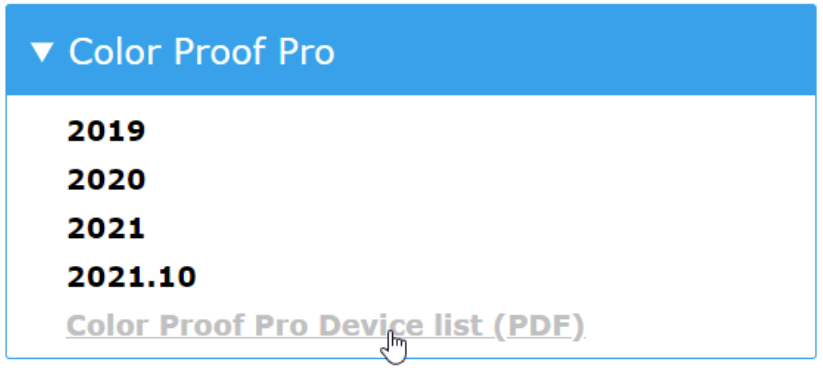
Proofers

Canon imagePROGRAF GP-2000 CT

Canon imagePROGRAF GP-2000 RGB

Epson SC-P85X0D/DL CT

Epson SC-P85X0D/DL RGB



External Color Measurement Device

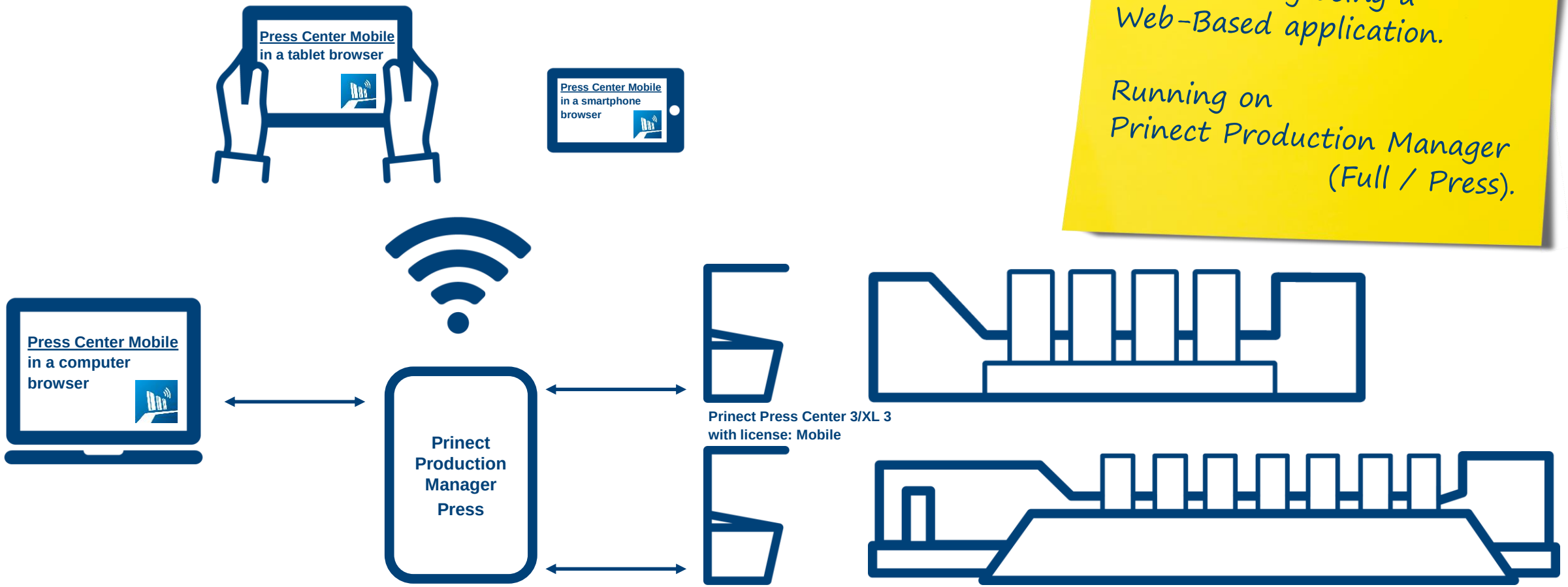
Techkon SpectroDens (Premium)

(*contains)

2021.10.16 – supports Press Center Mobile
New, flexible Web application option for the Speedmaster

Full flexibility being a Web-Based application.

Running on Prinect Production Manager (Full / Press).



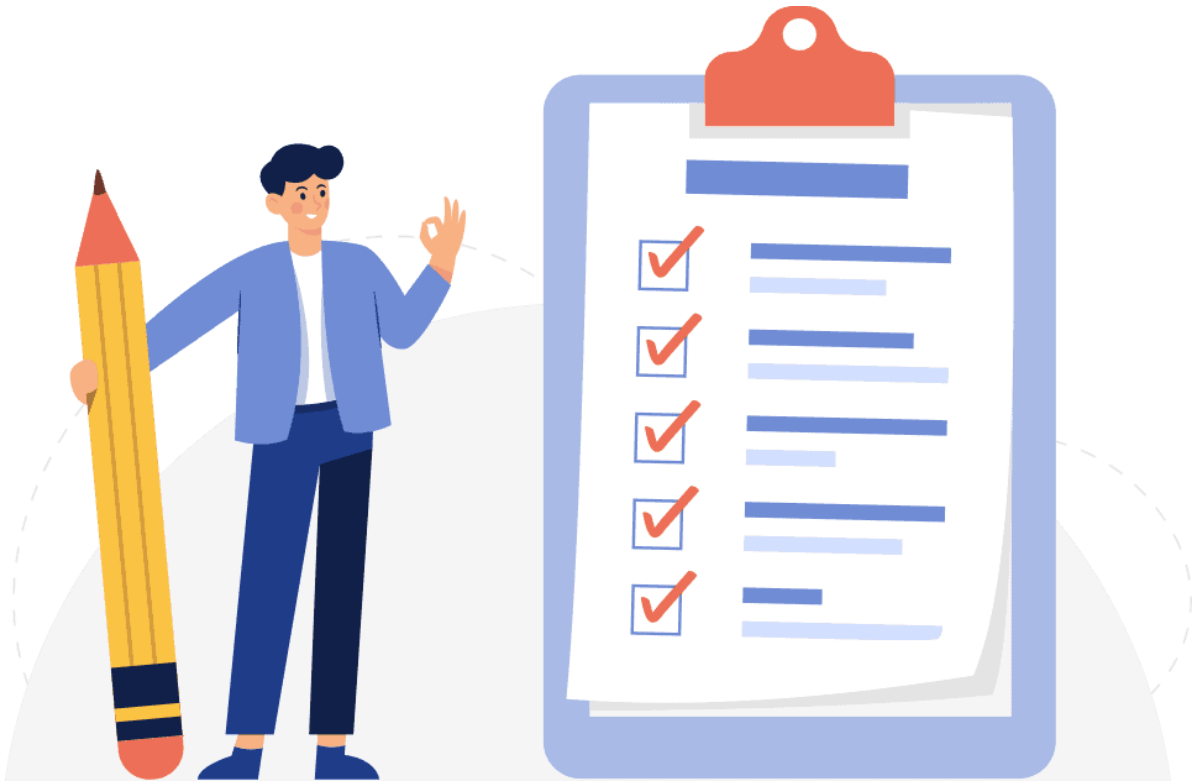
→ *Note: The network connection between the Production Manager and the Press Center Mobile web application is made via an **internal WLAN or WiFi connection** of the print shop.*

Prinect 2021.10.16 – supports Press Center Mobile option

(↳ MyWorkAssistant will become part of Task Pilot → WS 23)

Prerequisites for using Press Center Mobile option:

1. The customer needs a **Prinect Production Manager** with an up-to-date Prinect version (**Version 21.10.16.12** or higher)
2. Connection of the press to the Production Manager machine with the license: **Prinect Press Center 3/XL 3 Instant Gate**
3. Speedmaster press with a Prinect Press Center 3/XL 3 and the license: **Prinect Press Center 3/XL 3 Mobile**
4. Speedmaster press with a Prinect Press Center 3/XL 3 and the **Software Version S23A or higher**
5. **Computer, tablet or smartphone with** an up-to-date web browser and an **Ethernet WLAN or LAN connection to the Prinect Production Manager Press**



Prinect 2021.10.18 – brought
Flipbook approval for cover + body pages in one go

→ Saddle stitched

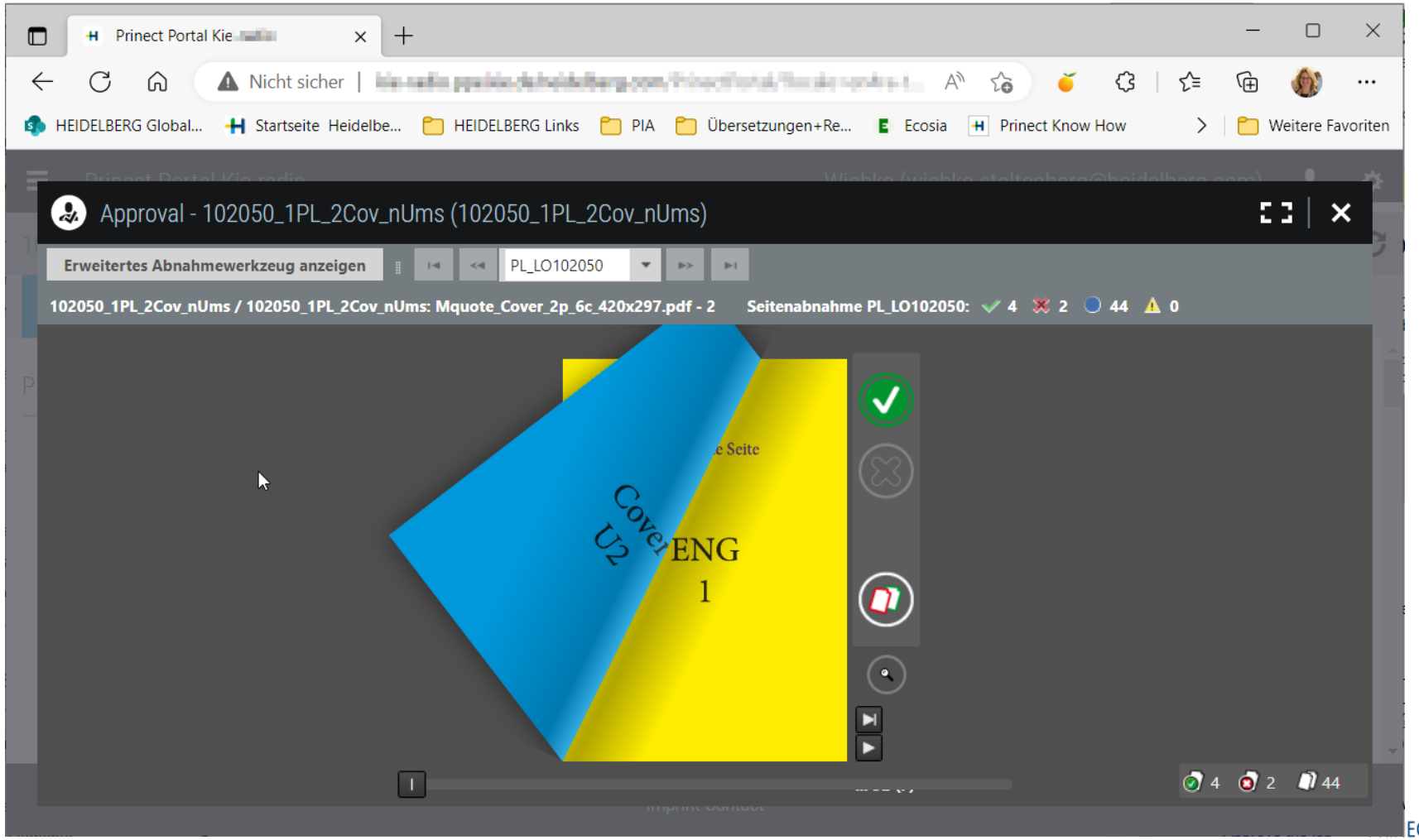
4 pages cover

→ Perfect bound

- 6 pages cover

(front, back, spine)

– or 2 large pages



Prinect 2021.10.18 – … and:
Team Viewer Host Software for secure and easy online-support

→ available for PC

upcoming for MAC

→ half-yearly updates expected

→ You can allow/deny unattended access for HEIDELBERG employees (Access securely managed via Active Directory + logged)

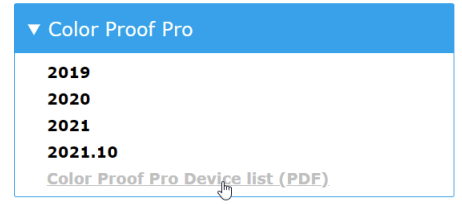
→ Connection via dedicated router for HEIDELBERG

→ strictest firewall rules

[Functions & Workflow (prinect-lounge.com)]

Prinect 2021.10.26. Brings additional Proofer support with Color Proof Pro 7.10

- Epson SC-T77x0 CT
- Epson SC-T77x0 RGB
- Epson SC-T37x0D/DE/DR CT
- Epson SC-T37x0D/DE/DR RGB
- Epson SC-T37x0E CT
- Epson SC-T37x0E RGB
- Epson SC-T57x0D CT
- Epson SC-T57x0D RGB



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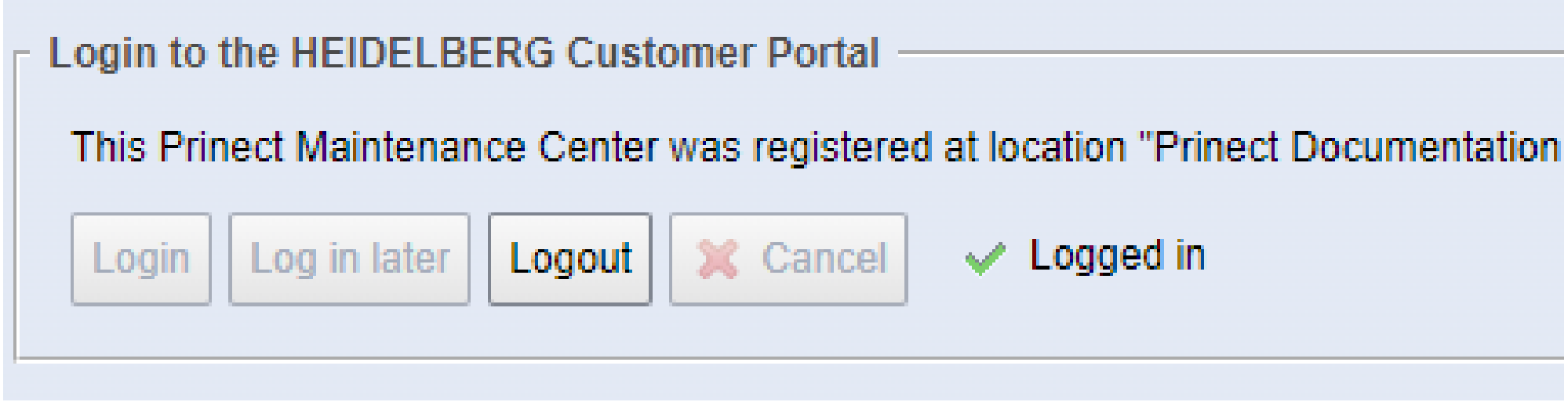
Prinect 2021.10 - HEIDELBERG Customer Portal connection. Live in more than 40 countries

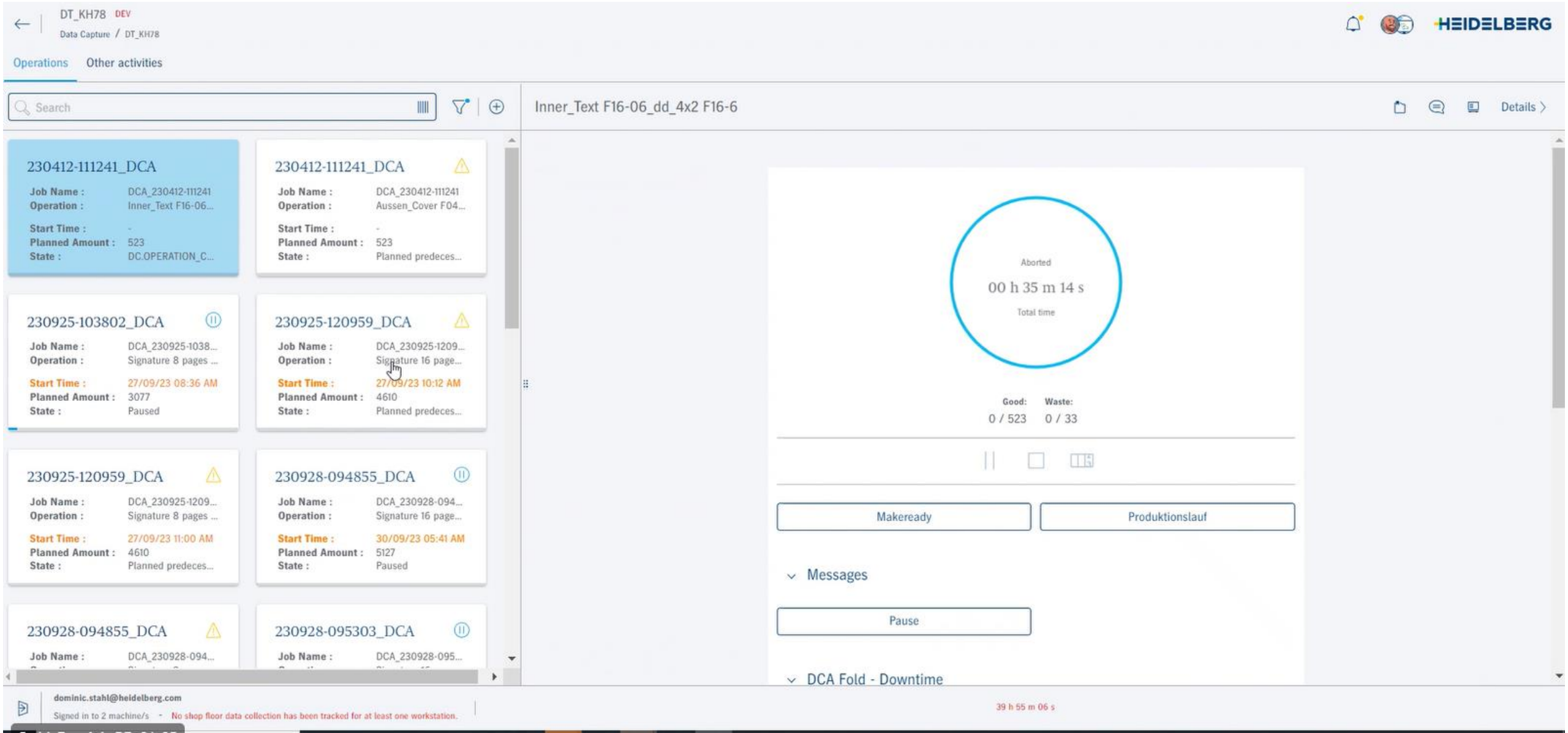


→ **Print Shop Analytics**
- → Free version available from connection
- → Contract version available via SSU

→ **Heidelberg Assistant**
- → Migration until end of this year

→ next: **Data Capture App**
- → shall replace Data Terminal, parallel use possible until functionality is sufficient
- → Field test in December

HEIDELBERG Customer Portal. Data Capture App – the next addition



Announcement for next year:
Prinect Database Engine Upgrade to MSSQL Server 2022

Why?

MSSQL Server 2017 sales period ended Oct. 2023

Implications

1. **ALL** Prinect Workflow installations affected (Express AND Standard (= Data Center))
   → no downward compatibility in WF:
   Changed Operating System requirements for new database version
   → NOT SUPPORTED: Microsoft Windows 7 & 8.1; Microsoft Server 2012R2
   reflected in Prinect System requirements / OS-Table

2. **Prinect Data Center upgrades**
   → OK with maintenance contract
   ATTENTION:
   → without maintenance contract: buy new data center
   → customer with own MSSQL Server license
   needs to provide new license / new installation project needed

A new Screening-Technology:

MultiDOT 2.1

CHANGE THE WORLD RIGHT NOW

HEIDELBERG

5. DIMENSIONS OF TECHNOLOGY

MULTIDOT 2.1

1D.

CREATE QUALITY

PERFECT REPRODUCTION OF DETAILS

MOIRÉ-EFFECT RESISTANCE

HIGHEST COLOR GAMUT

EXCEPTIONAL IMAGE VIVIDNESS

"Our customers have recognized Multidot as a revolution in the printing industry, especially in terms of sharpness and image quality ..."

Maciej Sierpiński - MDM Druk Owner

2D.

CARE FOR THE ENVIRONMENT

LESS WATER CONSUMPTION
REDUCING ENERGY CONSUMPTION
LOWER PAPER AND CHEMICAL USE

MULTIDOT

IS CLASSIC SMOOTH ELLIPTICAL

"The saving of ink, substrate (paper) and energy resulting from the use of Multidot makes customers willingly advertise themselves as conscious and environmentally friendly producers ..."

Wojciech Śląski - Drukarnia Triada Owner

3D.

STRENGTHEN THE BRAND

BUILDING THE BRAND IMAGE

BUYERS' ATTENTION

FOCUS

DISTINGUISHING AGAINST THE COMPETITION

EXCEPTIONAL IMAGE

VIVIDNESS

"Multidot supports communication with consumers, allows products to be distinguished among others and builds their positive image ..."

Norbert Goraj - Multipress CEO

4D.
INCREASE
EFFICIENCY

REDUCTION OF MANUFACTURING COSTS

INCREASED PROCESS EFFICIENCY

SHORTENING TIMES BETWEEN OPERATIONS

SHORT RUN SUPPORT

RESISTANCE TO PRODUCT DIVERSITY

"The combination of HEIDELBERG automation and Multidot technology made the operator feel supported from all sides ..."

Jakub Paruszewski - Abedik Print Manager

Ingredients: flower of hibiscus, black chokeberry 15%, apple, wild strawberry 8%, blackberry 4%, blueberry 4%, raspberry 2%, flavour. Country of Origin: Poland. **Preperation:** Please rinse the machine by presssing a lungo button without the capsule inside. Put the capsule into your Nespresso machine and press Lungo button. Please press lungo button again if you wish. Enjoy our tea. Please rinse the machine after usage with no capsule inside. **DE Waldfrucht Tee. Früchtetee in für Nespresso®* maschinen geeigneten Kapseln. Zusammensetzung:** Hibiskusblüte, Apfelbeere15%, Apfel, Walderdbeere 8%, Brombeere 4%, Heidelbeere 4%, Himbeere 2%, aroma. Herkunftsland: Polen. **Zubereitung:** Säubern Sie die Maschine, indem Sie den "Lungo" Knopf drücken, ohne dass eine Kapsel in der Maschine ist. Legen Sie nun die Masala Chai Kapsel in die Maschine und drücken Sie den "Lungo" Knopf. Je nach Geschmack, können Sie durch erneutes drücken der Taste auch Wasser nachlaufen lassen. Entfernen Sie die Kapsel und lassen wie in Schritt 1 beschrieben klares Wasser durch die Maschine laufen um sie zu reinigen. **FR Fruits de la forêt. De thé aux ruits secs naturels dans les capsules compatibles avec les machines Nespresso®*. Les ingrédients:** fleur d'hibiscus, aronia noir 15%, pomme, fraise des bois 8%, mûre 4%, myrtille 4%, framboise 2%, arôme. Pays d'origine: Pologne. **Préparation:** Rincez la machine en appuyant sur le bouton « lungo » sans capsules à l'intérieur. Introduisez votre capsule de thé dans la machine Nespresso et appuyez sur le bouton « lungo ». Appuyer une seconde fois sur le bouton « lungo » si vous le désirez. Dégustez votre thé. Rincez la machine après usage sans introduire de capsule. **NL Bosvruchten. Natuurlijk gedroogd fruit voor in capsules die geschikt zijn voor Nespresso® apparaten. Ingrediënten:** hibiscus bloem, vrucht appelbes 15%, appel, wilde aardbei 8%, braam 4%, bosbessen 4%, framboos 2%, aroma. Land van herkomst: Polen. **Bereiding:** spoel de machine door op de Lungo-knop te drukken zonder dat er een capsule in zit. Doe de capsule in je Nespresso machine en druk op de Lungo-knop. Druk nogmaals op de Lungo-knop als je dat wilt. Geniet van je thee. Spoel de machine na gebruik zonder capsule. **DK Naturlig tørret frugt te i Nespresso®* kompatible kapsler. Ingredienser:** blomst af hibiscus, surbær 15%, æble, vilde jordbær 8%, brombær 4%, blåbær 4%, hindbær 2%, aroma. Oprindelsesland: Polen. **Tilberedning:** Rens maskinen ved at trykke på lungo knappen uden at bruge en kapsel. Sæt te-kapslen i Nespresso maskinen og tryk på Lungo knappen. Hvis du ønsker en større kop, kan der trykkes igen. **PL Owoce leśne. Owocowa herbata aromatyzowana w kapsułkach kompatybilnych z ekspresami Nespresso®*. Składniki:** kwiat hibiskusa, owoc aronii 15%, owoc jabłka, owoc poziomki 8%, owoc jeżyny 4%, jagoda 4%, malina 2%, aromat. Kraj pochodzenia: Polska. **Sposób przygotowania:** Należy przepłukać maszynę, naciskając przycisk lungo bez kapsułki w środku. Zdejmij wieczko i włóż kapsułkę do ekspresu Nespresso i naciśnij przycisk Lungo. Naciśnij przycisk lungo ponownie, jeśli chcesz. Ciesz się naszą herbatą. Po użyciu należy ponownie

5D.

REDUCE COSTS

PROCESS STABILITY
REDUCTION OF INK CONSUMPTION UP TO 45%
SAVING TIME AND MONEY

"I recommend opening your head to a new way of thinking first... then users will have to be patient and systematic, but theresult they will receive will more than compensate them for the effort of implementation"

Krzysztof Łużyński - Galdruk Owner

COMMERCIAL USE

Drukarnia Triada Sp. z o.o.
MDM Druk Sp. z o.o. Spk
kolorDRUK Zakład Poligraficzny

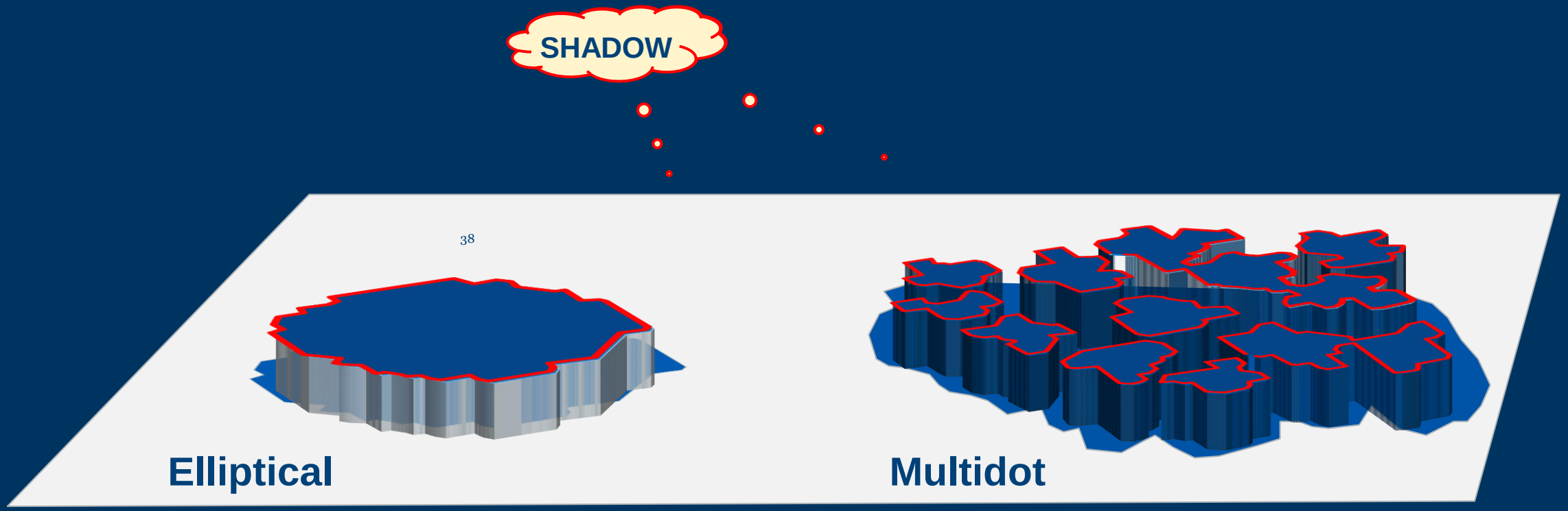
plus 5 further customers

TEST USE

Currently at 4 customer sites

How do the savings work?

Reference illustration only:

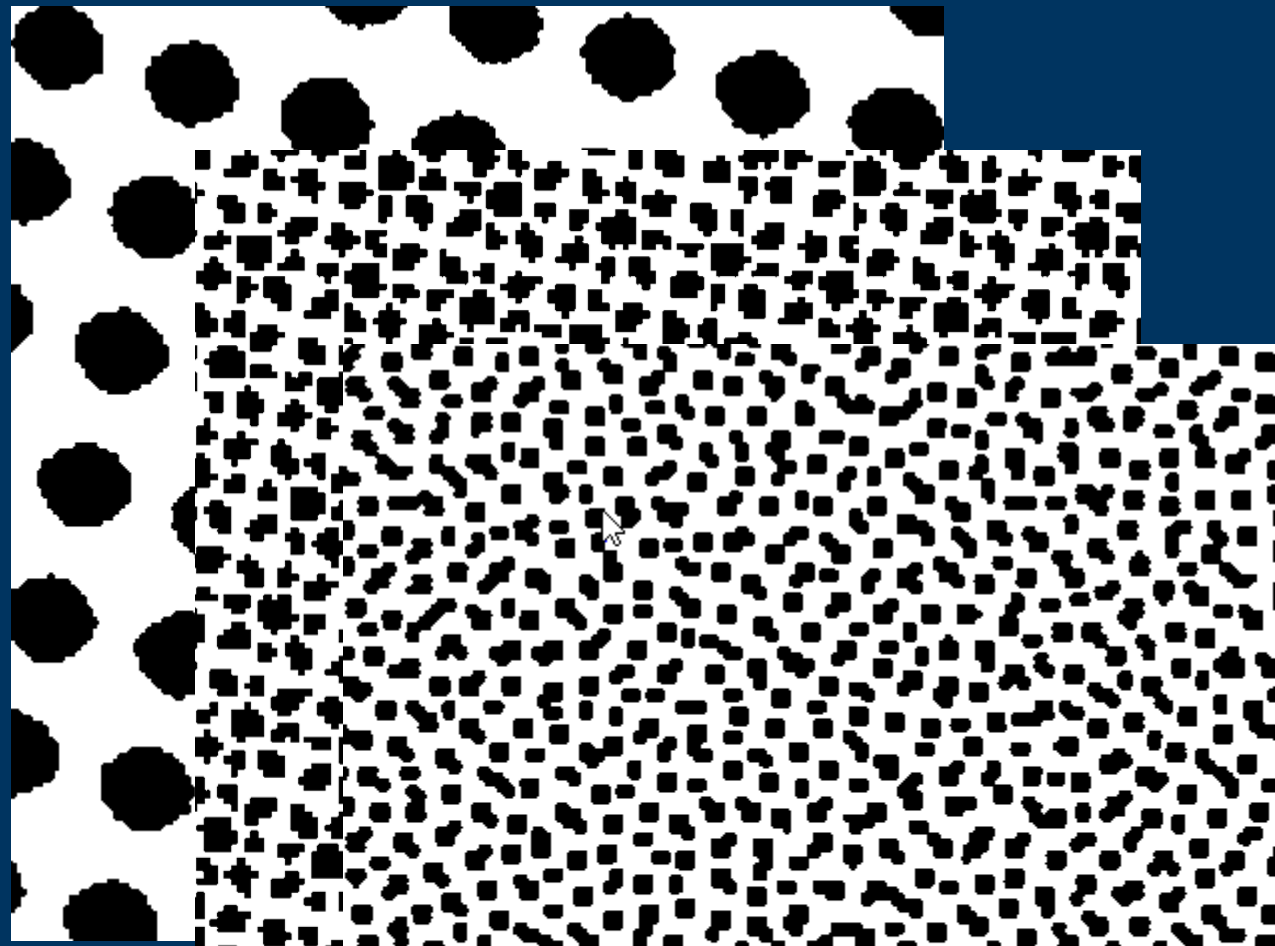


Shadow does not contain ink, but the light is absorbed in the shadow's area
The surface covered by shadow strongly depends on the length of the contour

How does it work – what is Multidot technically

by SCIENCE:
Multidot is a technology which use multicluster structures with optimized, different size clusters

by INTUITION:
Multidot is a technology, where screen dots are aggregated into groups of smaller size spots organized in a regular structure, keeping the properties and character of traditional screening (with screen ruling and angles)



Elliptical

Multidot 2.1

But in magnification:

Stochastic (FM)

Introducing a new screening technology: MultiDOT 2.1

Trademark protection

Trademark: **MULTIDOT**
Appl. number: **018024264**

Solutions covered by patent protection in:

- ***European Union***
- ***Separately in Poland***
- ***Peoples Republic of China***
- ***United States of America***
- ***...***

Interested?

MultiDOT 2.1

Contact us,

so that we can provide more Info.

Thank you
for your attention!

HEIDELBERG

PRINECT
USER DAYS