# LET'S INTERNATIONAL PRINECT USER DAYS





# PDF Toolbox





# Barcode/VDP Editor



Title of presentation ("Insert > Header and Footer")

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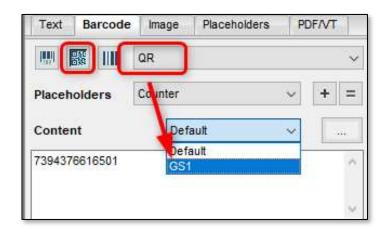
# Our improvement for **Barcode Editor**

→ PPN Code (Pharmacy Product Number) content in Data Matrix Code



#### $\rightarrow$ GS1 in QR- and Data Matrix

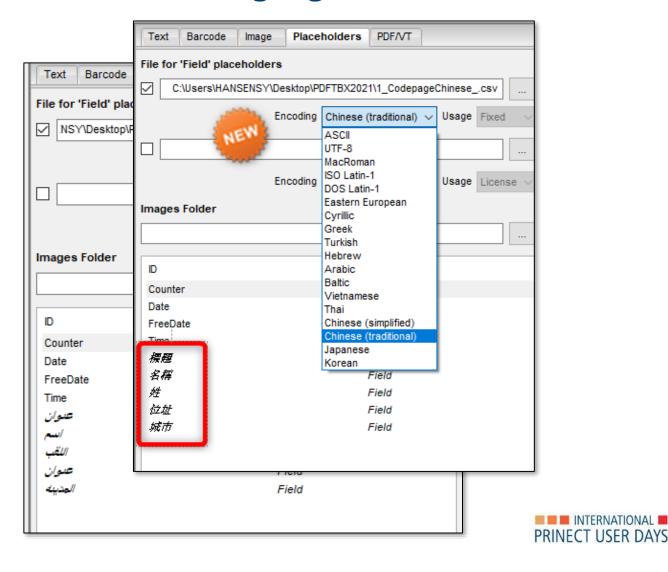
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### Our improvement for **VDP Editor: working with variable data in different languages**

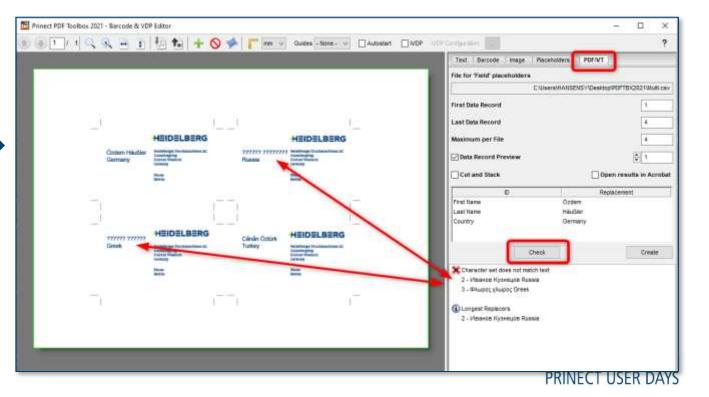
→ Support of UTF-16 encoded CSV files Support of specific character sets as encoding (like Chinese, Thai or Greek)



### Our improvement for **VDP Editor: working with variable data in different languages**









### Our improvement for **VDP Editor: working with variable data in different languages**

#### $\rightarrow$ New character set "Automatic"

 $\rightarrow$  Chooses best suitable character set out of Western Europe, Eastern Europe,

Cyrillic, Turkish, Greek and Baltic

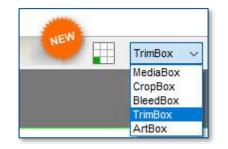
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Automatic			-	~	
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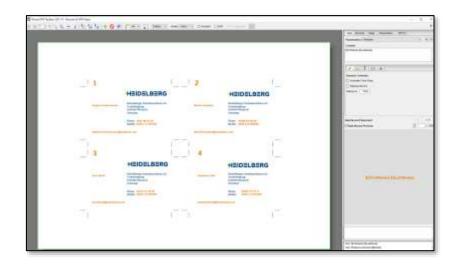


# Our improvement for **VDP Editor: working with variable data**

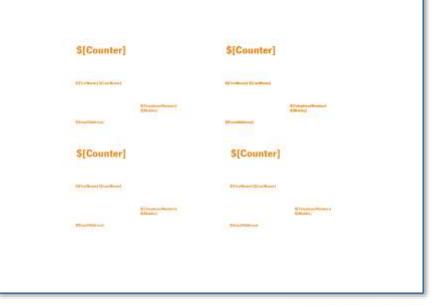
 $\rightarrow$  Reference points for placing dynamic marks



 $\rightarrow$  "cleaning content" for mixed media production







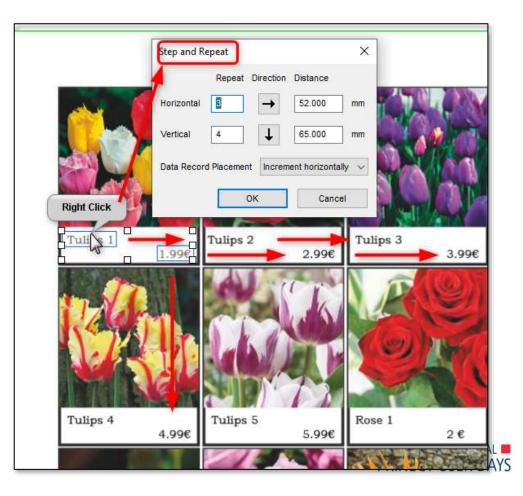


# Our improvement for **VDP Editor: working with variable data**

#### **Step & Repeat**

Dynamic marks for text, barcodes or images can now be repeated

- → horizontally and vertically in a predefined distance and
- $\rightarrow$  filled with data from the CSV file accordingly





### Our improvement for **VDP Editor: working with CSV files**

 $\rightarrow$  warning if a CSV is not reachable anymore

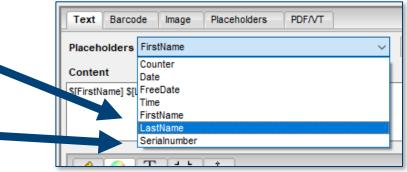
Placeholder file <C:\Users\HANSENSY\Desktop\PDFTBX2021\ adressen\_3000-BMCard.csv> is missing.



 $\rightarrow$  mixing multiple data sources for personalized pharmaceutical packaging







#### $\rightarrow$ force capital letters



# Our improvement for **VDP Editor: working with variable data**

#### $\rightarrow$ New placeholder type "text



Bestellnummer: \$[Bestellnummer] Artikel: \$[Artikelbezeichnung] Artikelnummer: \$[Artikelnummer] \$[Stück pro Karton] Stück



Bestellnummer: \$[Bestellnummer] Artikel: \$[Artikelbezeichnung] Artikelnummer: \$[Artikelnummer] \$[Stück pro Karton] Stück



Bestellnummer: \$[Bestellnummer] Artikel: \$[Artikelbezeichnung] Artikelnummer: \$[Artikelnummer] \$[Stück pro Karton] Stück





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### Our improvement for **VDP Editor...everything happens randomly**

 $\rightarrow$  Random colors for text and background

 $\rightarrow$  Unique design by random tiles

- $\rightarrow$  New "tiles" function creates an infinite number of random variations of a selected image.
- $\rightarrow$  Optionally can be rotated or mirrored, which is also applied randomly.







# Optimization



Title of presentation ("Insert > Header and Footer")



# New tool for **PDF Optimization**

#### licensed with "Object Editor"

- → Resample and compress color- or greyscale images and bitmaps
- → Remove alternate images, PDF comments or PDF/X-Output-Intent
- → Remove invisible (covered) objects within content or outside of media.- trim or bleedbox
- $\rightarrow$  Convert text to graphic
- $\rightarrow$  Choke graphics
- $\rightarrow$  Turn small graphics into Bitmaps

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### Diecut & other



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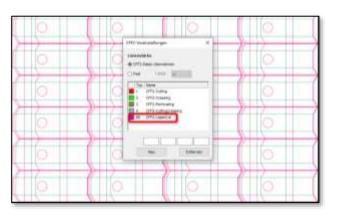


# Our improvement for working with diecut and packaging

#### **CFF2 import:**

- $\rightarrow$  Set a default for line type
  - " cutting", "creasing", "perforating" and "cut creasing" is preset
- → example: import CFF2 line and export Lasercut; set default for " Line 90" to "Lasercut"









# Our improvement for working with diecut and packaging

#### $\rightarrow$ Show Effects:

→ Improved display of special effects and refinement separations especially reflexions at Export

	1 / 1 🎶	NEW NEW
Layers	Properties	export as HTML





# PDF Reporting / Preflight



Title of presentation ("Insert > Header and Footer")



### Our improvement for **PDF Report: new Preflight sets**

 $\rightarrow$  Adaption of GWG preflight test criteria

→ Newspaper Ads
→ Magazine Ads
→ Sheet CMYK
→ Sheet Spot

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"Plus" = set includes Heidelberg specific additional checks and content corrections



# Our improvement for **PDF Report: new Preflight options**

#### **Document PDF/X:**

 $\rightarrow$  check for "PDF/X Output intent is not..."

#### Image:

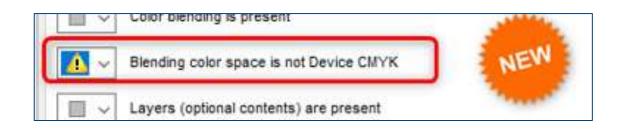
 $\rightarrow$  check for resolution of full page images

#### **Content:**

 $\rightarrow$  check for blending color space (transparencies)

#### **Colors:**

- → improved check for "spot color with conflicting names" is now checking upper or lower case in PostFix
- $\rightarrow$  new check for different colors use the same color recipe
- $\rightarrow$  improvement for check with fine lines
- → check for overprint of white & grey shows kind of object



#### Colors

- ▲ CMYK White is overprinting (Text) #2
- ▲ CMYK White is overprinting (Graphic) #2
- A Gray is overprinting (Text) #2
- A Gray is overprinting (Graphic) #2
- 4 0% spot color TextBlack is overprinting #8







 $\times$ 

Unchanged

Convert to Gray

Convert to K

Convert to K

300.0%

#### Our improvement for **PDF Report: new Preflight options**

 $\rightarrow$  Convert rich black to pure black

 $\rightarrow$  Adding bleed  $\rightarrow$  Page filling images: optional scaling



	Content
Other	
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Smoothness of shades is beyond (%)	0.0-2.0 Correct
✓ Line weight is below (pt)	0.2360 Carried
↓ Line weight is below (pt)	0.0383. Ramove
<ul> <li>Trim is missing</li> </ul>	Tolerance (pt) 8.5039 Complete
Page object is within cut tolerance (pt)	a.5039
6 Non-PDF/K-compliant screen information is p	reset Renova

Settings: 2021.10 new checks.hpp

Document

Pages

Marks color 'All' is used inside the TrimBox

Contains 4-color CMYK black

Contains rich CMYK black

Color space Separations Color Names Overprint

Contains colored gray (R=G=B or C=M=Y, K=0)

Contains repeat pattern (pattern color space)

Maximum area coverage in elements is above

Images

Fonts

Colors

Content

0.1% Tolerance Limit

Description

General



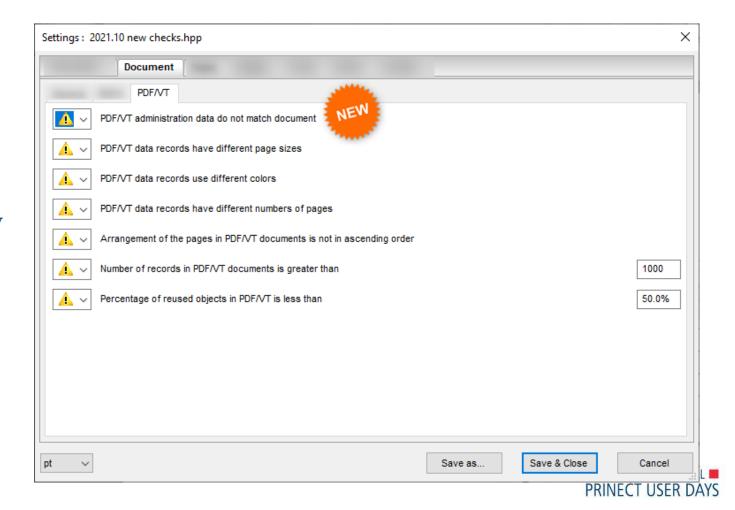




### Our improvement for **PDF Report: new Preflight options**

#### $\rightarrow$ New tab & new check for PDF/VT:

- $\rightarrow$  Data records have different page size
- $\rightarrow$  Data records have different colors
- $\rightarrow$  Data records have different amount of pages
- $\rightarrow$  Data records have pages in the correct order
- → amount of reused objects useful for efficiently printing





### Spotcolors



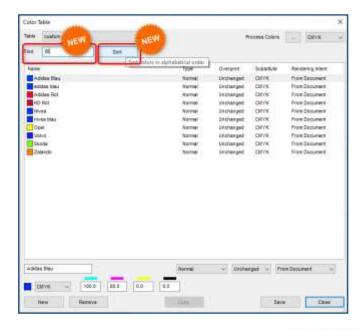
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# Our improvement for **Spotcolors**

→ Testchart creation: Support of "i1Pro"

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#### $\rightarrow$ Search and sort





### Assemble Documents





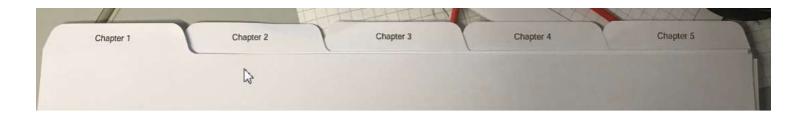
# Our improvement for **Assemble Documents**

#### $\rightarrow$ Improvement in overview

 $\rightarrow$  Split in chapters

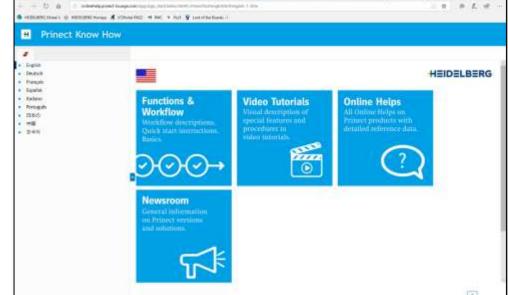
 $\rightarrow$  Tab printing with Versafire

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