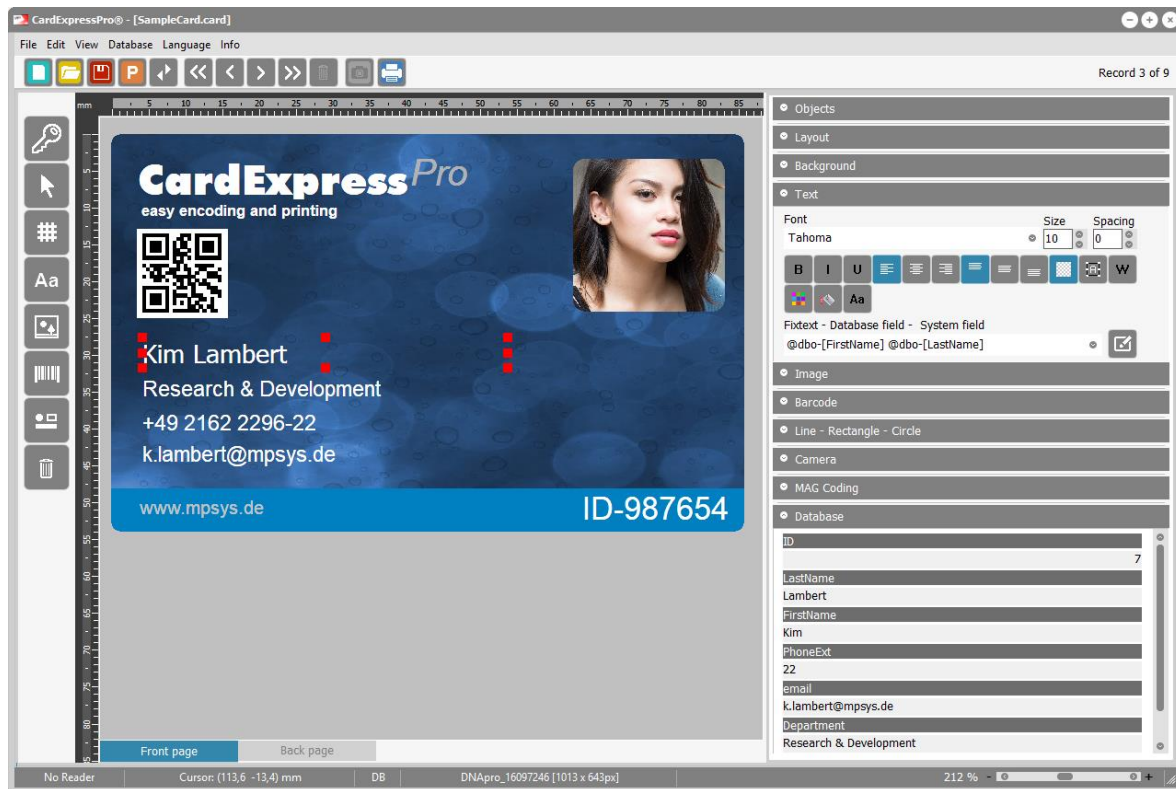




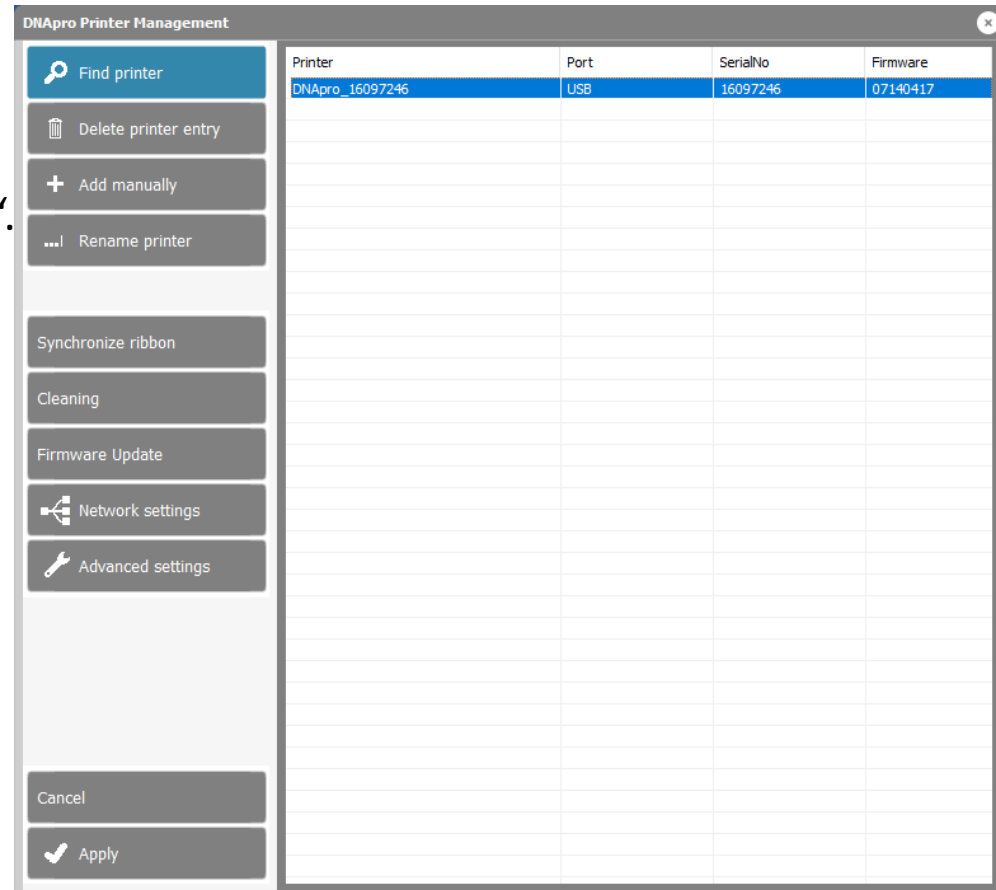
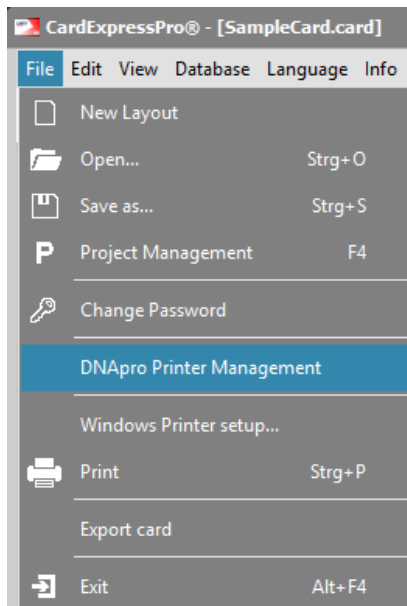
Design - Printing - Encoding

Benefits

- Direct control of DNA printers via USB or TCP/IP.
- **Real plug and play, no printer driver** installation is required.
- Dual hopper and flipper support.
- Automatic ribbon detection.
- Maintenance functions.
Cleaning, Card transport, Ribbon sync, Sensors state, Firmware update, Network settings, Testcard, Card margin, Head resistance, Color adjustments etc.
- Magstripe encoding.
- RFID, MIFARE Classic, DESFIRE EV1/2/3 encoding

Working with DNA printers out of the box, no driver installation required.

1. Plug in USB or network cable.
2. Power on your DNA printer.
3. Insert monochrome or color ribbon.
4. Start CardExpressPro.
5. Select „DNApro Printer Management“.
6. Click on „Find printer“ and „Apply“.



DNA Printer administration

[illegible]

Find printer

Automatic printer detection via USB or network connection.

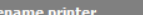
Add manually

Due to network segmentation also adding a printer manually by its IP address is possible.



Rename printer:

Give your printer a user friendly name



DNA Printer settings, tools and maintenance

DNApro Printer Management

- Find printer
- Delete printer entry
- Add manually
- Rename printer

- Synchronize ribbon
- Cleaning
- Firmware Update
- Network settings
- Advanced settings

Cancel

Apply

Maintenance

- Synchronize Ribbon
- Cleaning Assistant
- Firmware Update

Settings

- Network settings
- Advance settings

Advance settings

- Sensor visualization, Test functions, Card margin, TPH and color intensity settings.

IP Address

☐ Obtain IP address automatically (DHCP)

IP-Address: 192 . 168 . 3 . 157

Subnet mask: 255 . 255 . 255 . 0

Standard gateway: 192 . 168 . 3 . 1

Load Save Close

DNApro Advanced Setting

Card Position at: ☐ Input Slot ☒ Stacker ☐ Manual ☐ Flipper ☒ Inside ☐ IC Contact

Tools: Buzzer Ribbon Info Card Insert Card Eject Test Card

TPH Setting: Resistance 2652 (2400-3600)

Card Margin Setting: X-Start 4 X-End 7 Y-Offset 18 Pint 112 (Operate at 1/300 inch unit.)

Intensity: Color Ribbon Yellow Panel 5 Magenta Panel 5 Cyan Panel 5 Black(K) Panel 5 Overlay Panel 7 Mono Ribbon Black Panel 8

Refresh Load Save Close

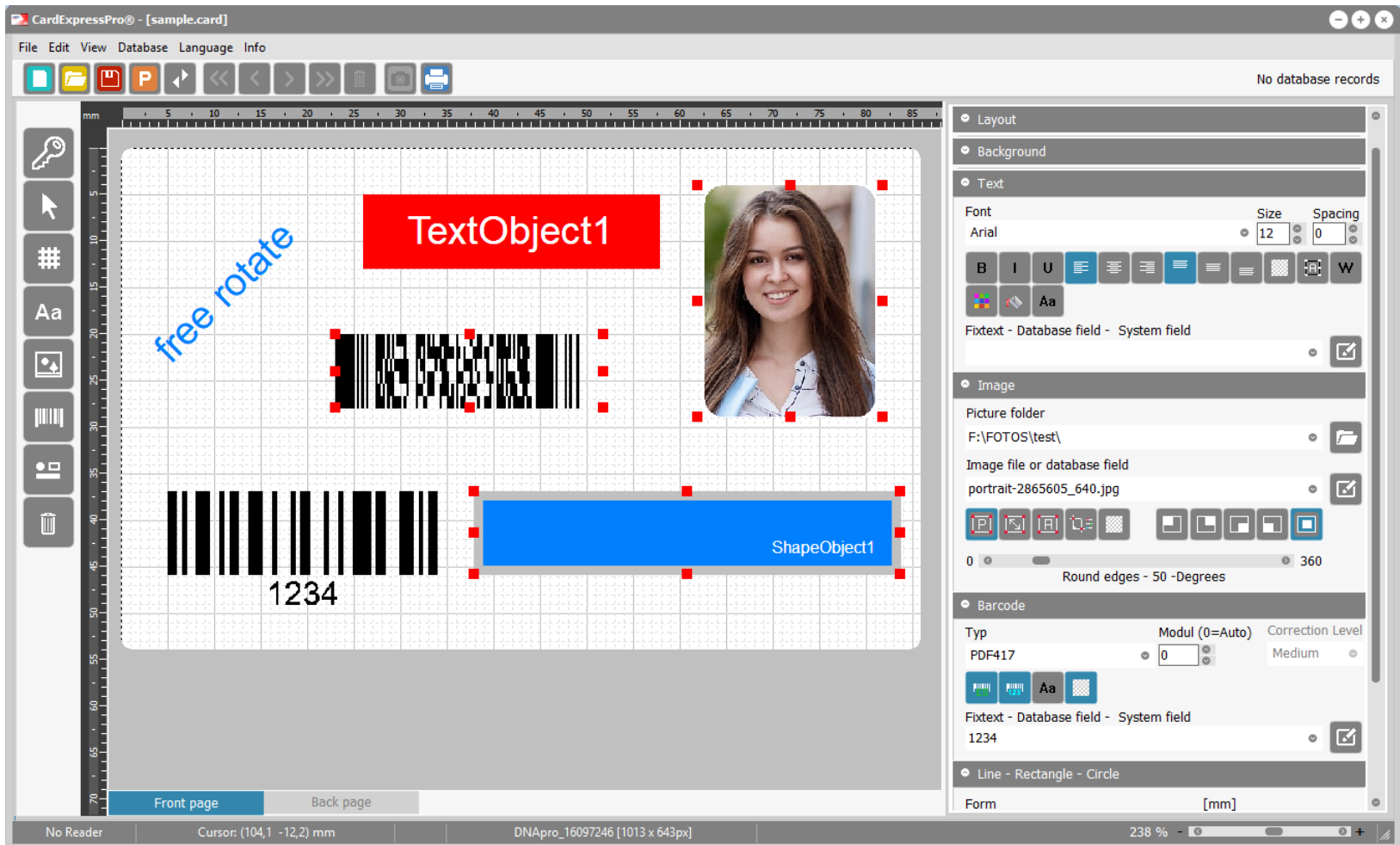
Print Testcard

Hopper: Upper hopper Count: 1

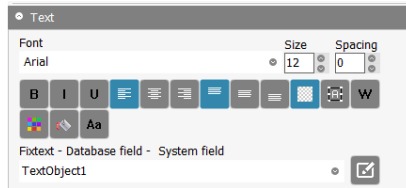
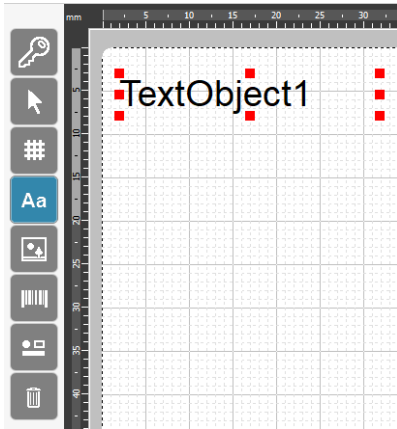
Progress:

OK Cancel

Card Designer



Text object



Barcode object

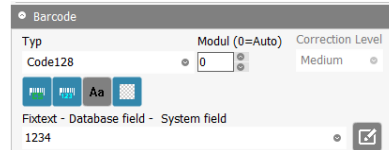
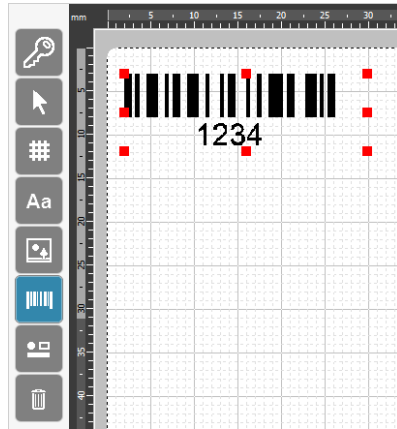
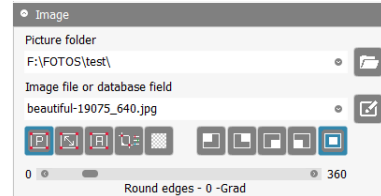
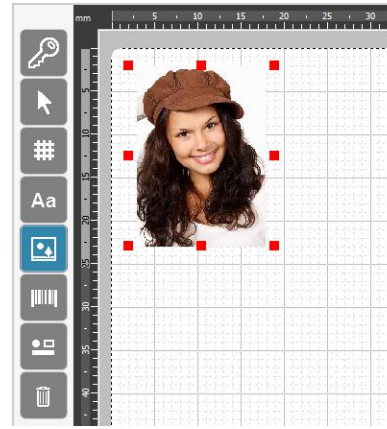
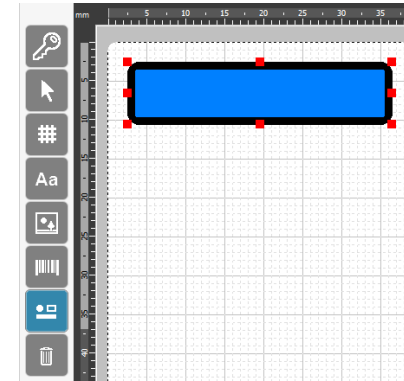


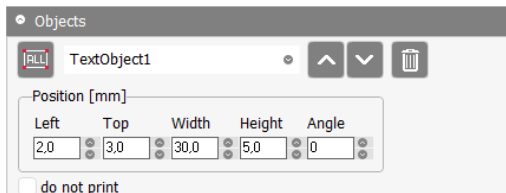
Image object



Shape object



Objects are freely positionable, stackable, rotatable with a transparent background and can be linked to a database

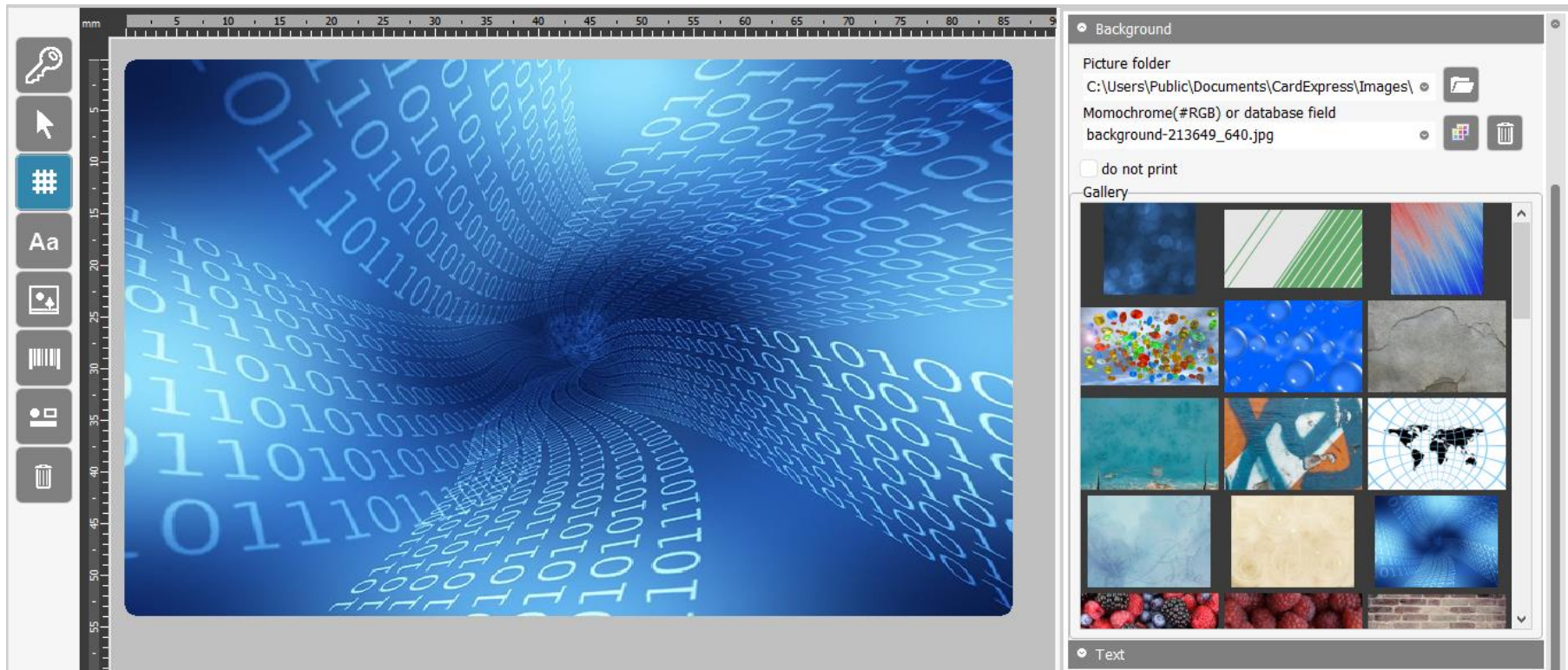


Barcode 1D, 2D

Supported Bar Code Symbolologies

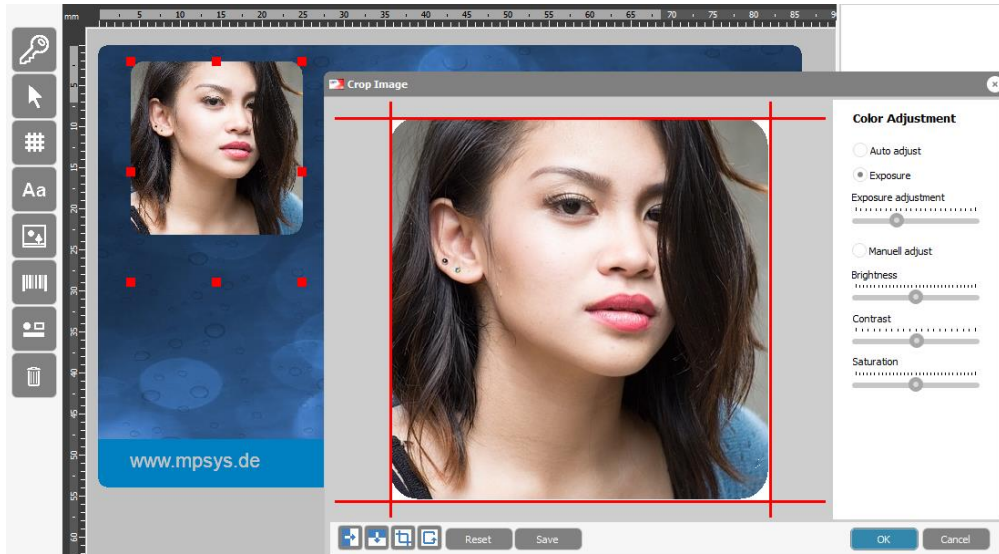
Code11, 2OF5, 2OF5IL, 2OF5IATA, 2OF5M, 2OF5DL, 2OF5IND, 3OF9, 3OF9A, EAN8, EAN8P, EAN8P5, EAN13, EAN13P2, EAN13P5, EAN128, UPC12, CodaBar2, CodaBar18, Code128, DPLeit, DPIdent, ISBN13P5, ISMN, 9OF3, ISSN, ISSN2, Flattermarken, RSS14, RSSLtd, RSSExp, TelepenAlpha, UCC128, UPCA, UPCAP2, UPCAP5, UPCE, UPCEP2, UPCEP5, USPSPostNet5, USPSPostNet6, USPSPostNet9, USPSPostNet10, USPSPostNet11, USPSPostNet12, Plessey, MSI, SSCC18, FIM, LOGMARS, Pharma1, PZN7, Pharma2, CEPNet, PDF417, PDF417Trunc, MAXICODE, QRCode, Code128A, Code128B, Code128C, 9OF3A, AusPostCustom, AusPostCustom2, AusPostCustom3, AusPostReplyPaid, AusPostRouting, AusPostRedirect, ISBN13, RM4SCC, DataMatrix, EAN14, VIN, CODABLOCK_F, NVE18, JapanesePostal, KoreanPostalAuth, RSS14Trunc, RSS14Stacked, RSS14StackedOmni, RSSExpStacked, Planet12, Planet14, MicroPDF417, USPSOneCode4CB, PlesseyBidir, Telepen, GS1_128, ITF14, KIX, Code32, Aztec, DAFT, ItalianPostal2Of5, ItalianPostal3Of9, DPD, MicroQRCode, HIBCLic128, HIBCLic39, HIBCPas128, HIBCPas39, HIBCLicDataMatrix, HIBCLicQRCode, HIBCLicPDF417, HIBCLicMPDF417, HIBCLicCODABLOCK_F, HIBCPasDataMatrix, HIBCPasQRCode, HIBCPasPDF417, HIBCPasMPDF417, HIBCPasCODABLOCK_F, QRCode2005, PZN8, LP160_5, DotCode, HanXin, USPSIMPackage

Card background image

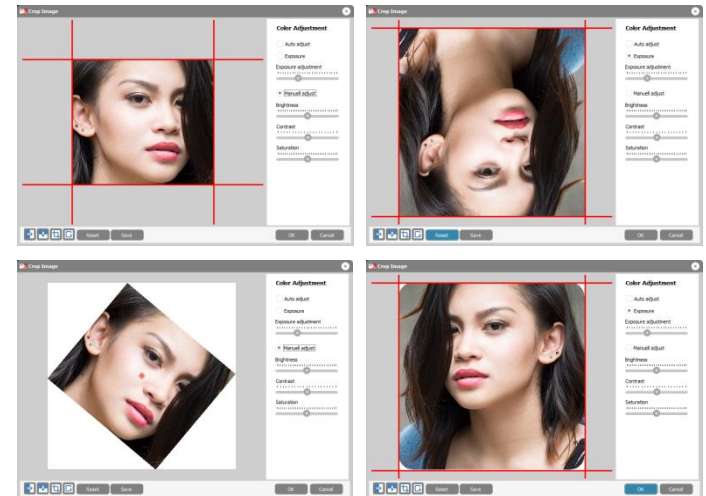


Supported graphic formats: **jpg, bmp, png, tiff, wmf, emf**
The card background can also be linked to a database.

Image adjustment functions

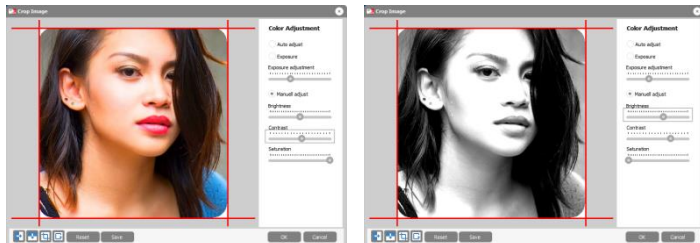


Crop, Rotate, Mirroring

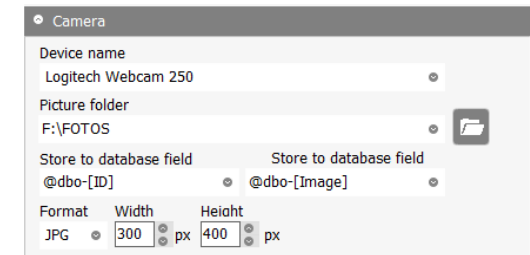
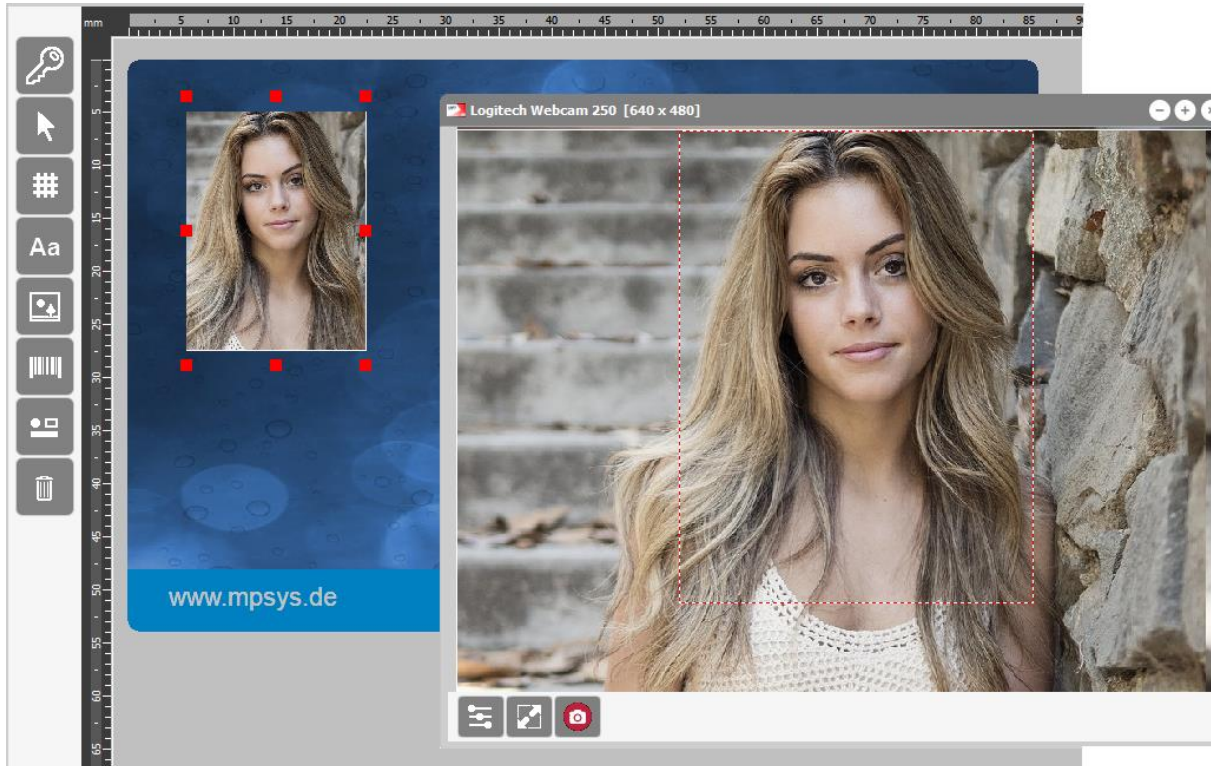


Color adjustment

Brightness, Contrast, Saturation, Exposure, Auto adjust

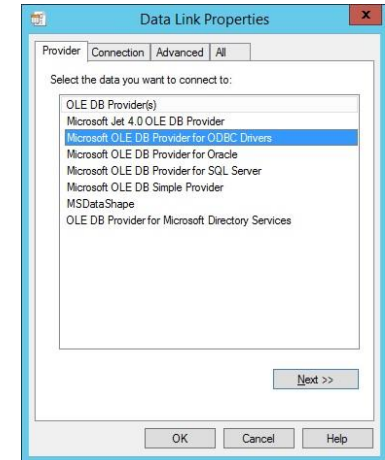
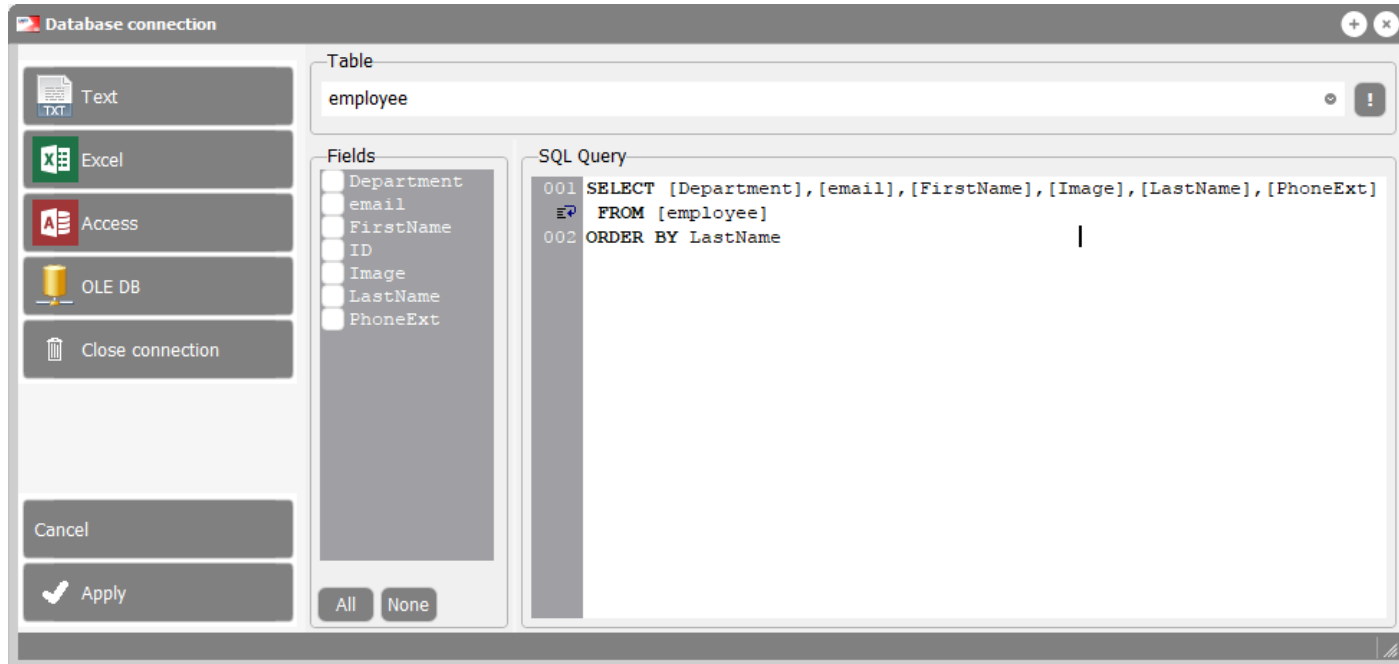


DirectX Camera support



Camera live view support with a free selectable image area.
The image part taken from the live view can be stored into a linked database or a picture folder.
Also the image name can be taken from a database field or can be automatically created.

Database connection, SQL Query, OLE DB, ODBC



Scalable database connections available from CSV-Textfiles, Excel, Access up to any OLE DB provider installed.
e.g. MSSQL[®], MySQL[®], Oracle[®]

„Database List View“ properties:

Select the database range - Edit database values – Search field values – Order by field values – Card preview

ID	7
LastName	Lambert
FirstName	Kim
PhoneExt	22
email	k.lambert@mpsys.de
Department	Research & Development
Image	3.bmp

ID	LastName	FirstName	PhoneExt	email	Department	Image
5	Miller	Roberto	250	r.nelson@mpsys.de	Research &	1.bmp
6	Young	Bruce	233	b.young@mpsys.de	Product Manager	2.bmp
7	Lambert	Kim	22	k.lambert@mpsys.de	Research &	3.bmp
8	Johnson	Leslie	410	l.johnson@mpsys.de	Strategic Growth	4.bmp
9	Forest	Phil	229	p.forest@mpsys.de	Manager	5.bmp
10	Weston	K. J.	34	kj.weston@mpsys.de	Strategic	6.bmp
11	Smith	John	234	smith@mpsys.de	Interim Group	1.bmp
14	Meyer	Heinz	226	hmeyer@mpsys.de	Einkauf	2.bmp
15	Vollrath	Hermann	227	hv@mpsys.de	Entwicklung	6.bmp

Search (like) <Select fieldname> <Enter search text> [...]

Card preview front page



Card preview back page

Select database range

Data selection conditions

```
((ID) >= 5)
AND ((ID) <= 15)
```

Add query

AND ID

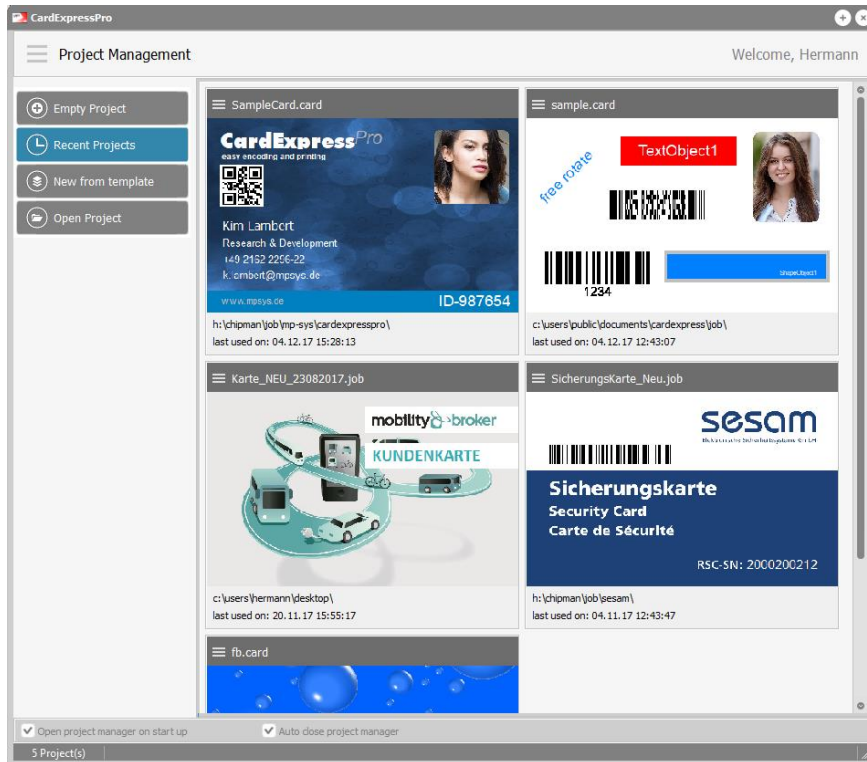
>= 15

No Reader Record 3 of 9 DB DNApro_16097246 [1013 x 643px] 238 %

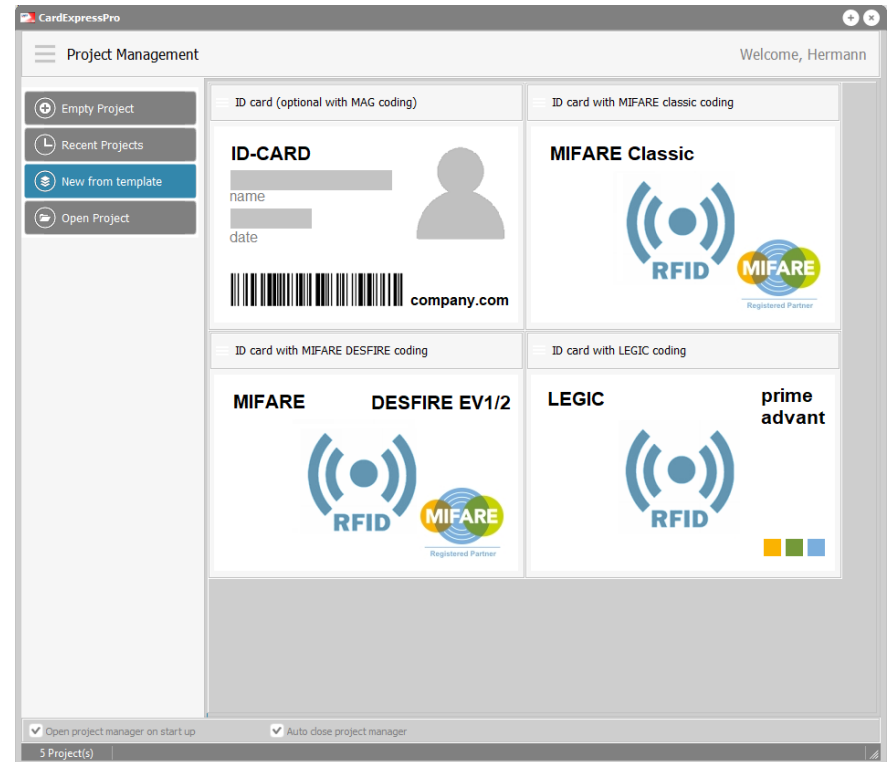
Project Management

Simply access your recent projects or create new project from a card template.

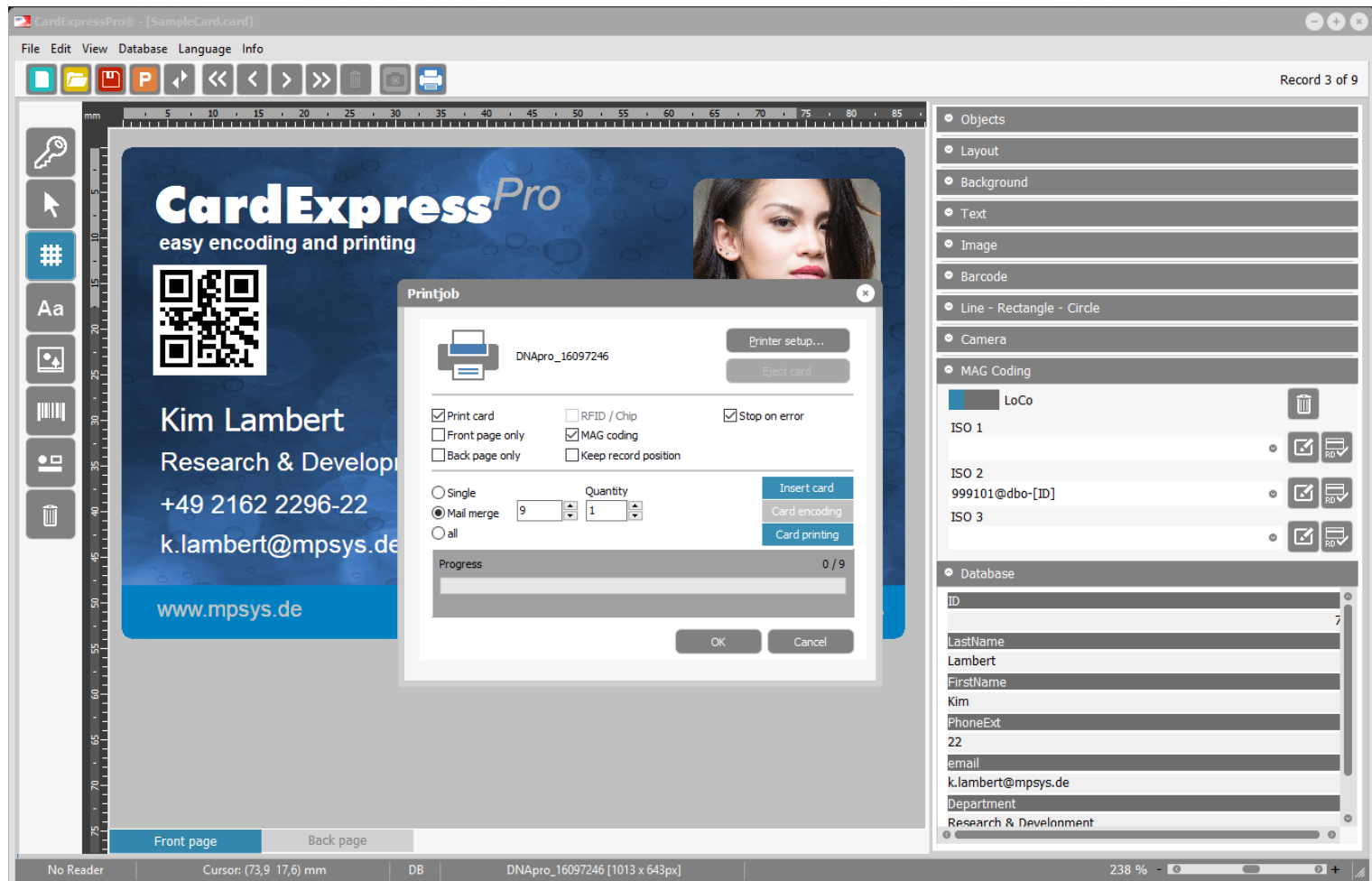
Recent projects



Card templates



Print and encode cards in a batch



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