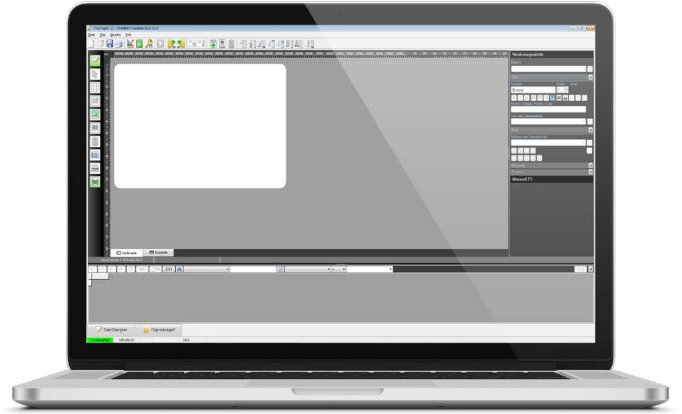




YouChip Card Software



YouChip is the perfect choice when it comes to a card software solution that is able to encode, design and personalize (RFID-) chip cards. Compared to other software solutions you can save valuable time and costs with YouChip, since YouChip is able to encode and print plastic cards in just one working step. Through YouChip's optional, additional components you have the chance to only purchase encoding modules, that you really require.

YouChip works in combination with card printers or as a stand-alone-solution together with a desktop card reader. Since YouChip relies on the PC/SC standard, the chip type support is not limited to the desktop card reader that is in use. The communication is performed by APDUs (ISO7816 & ISO14443).

Features overview:

- Multiple functions for creating badge layouts (see page 3 for a detailed list)
- Reading of IAM cards
- Adding and removing segments
- Management of different coding instructions incl. adjustable writing-/reading area
- Reading and reporting of UIDs
- Import and export of complete projects
- Database access via SQL, ODBC and ADO
- PIN protection of writing-/reading functions, visual presentation of protected memory area
- Encrypted „KeySave“-Job-Script data and password request
- Data transfer as program parameter or directly from database index
- Wide range of log/protocol files incl. HEX-editor
- Supported operating systems: Windows XP, Vista, 7, 8, 10, Server 2008, 2012, 2012R2, 2016
- Supported virtual machines: VirtualBox, VMware, Parallels iOS

Supported contact-chip types:

All contact-chips can be encoded, that are supported by the reader in use (PC/SC standard):

- I²C-Bus types, like Atmel, STMicroelectronics, GEMplus
- ST14C02C... ST14E32
- M14C04... M14256
- GFM2K... GFM32K
- AT24C01A... AT24C1024
- EMV, Java Card, SmartMX



Supported RFID-chip types:

YouChip supports (depending on the encoding module Add-on) the following contactless RFID chip types:

RFID MIFARE Ultralight:	MIFARE Ultralight EV1, Ultralight C, Ultralight Nano
RFID MIFARE Classic:	MIFARE Classic 1K, Classic 4K, Classic EV1
RFID MIFARE Plus:	MIFARE Plus S, MIFARE Plus SE, MIFARE Plus EV1
RFID MIFARE DESFire:	MIFARE DESFire EV1, MIFARE DESFire EV2
LEGIC:	Prime (MIM 256 / 1024), advant (ATC 128-MV, ATC 256-MV, ATC 512-MP, ATC 1024-MV, ATC 2048-MP, ATC 4096-MP), CTC
More:	HITAG 125kHz via Elatec (limited), HITAG FEIG-ID via FEIG Reader, HID iCLASS, HID Indala, NXP ICODE®, NXP NTAG®, (ISO14443 & ISO7816, EMV, Java Card, SmartMX Kommunikation via APDUs)

Supported SAM modules:

NXP:	AV1, AV2
United Access:	PROTOS SAM V1.5

Version	Functions
YouChip Basic	Basic software with basic features for professional card printing
YouChip Instant	All functions of YouChip Basic + database connection via Text- and Excel-File
YouChip Pro	All functions of YouChip Instant + Batch printing function via ADO /ODBC, SQL-database connection

The "YouChip Pro" version can be expanded with one or more encoding modules. Encoding modules can also be purchased independently from the "YouChip Pro".

ENCODING MODULES (optional Add-ons)

Contact	Encoding of contact-chip cards (I ² C-Bus types f. e. Atmel, STMicroelectronics, GEMplus; ST14C02C, ST14E32...M14256, GFM2K...GFM32K, AT24C01A...AT24C1024)
MIFARE	MIFARE Classic 1K/4K, Classic EV1, Ultralight, HITAG encoding
MIFARE Plus	MIFARE Plus, Plus SE, Plus EV1, Classic 1K/4K, Classic EV1, Ultralight, Ultralight C
DESFire	DESFire, DESFire EV1, DESFire EV2 encoding
LEGIC	LEGIC Prime, advant, CTC encoding

MORE

License Manager	Global network license. With the license manager YouChip can be used in networks without a local license and be sent to random working stations.
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Functions

YouChip Basic

YouChip Instant

YouChip Pro

SOFTWARE BOX & INSTALLATION

Full Setup on USB Key



Access Protection with USB Dongle



Digital Manual



Enhanced Application-Tools



TOOLS & IMAGE

Directshow Image Acquisition



WIA & TWAIN Image Acquisition



1D, 2D, QR Barcodes



Image Acquisition through file



Database Connection



Signature-Pads



USER INTERFACE

Text and Image Editing in Card Design



Database View



Encoding View / Scripteditor



Multi-layout Designs



PRINT

Print Spooler Management



Front & Back Printing



Ethernet Printers Support



Batch Printing



Auto-Print



Different Elements / Database Controlled



DATABASE

XLS, XLSX, CSV & TXT



Internal Database with Photo Connection



Enhanced Database Connection (ADO / ODBC)



Enhanced Database Search



Access and SQLite with Photo Field



Search (query) Records



OLE Objects & Photo on Database Records



Enhanced Management & Protocolling



SOAP Interface



ENCODING

Magnetic Encoding



Contact Smartcard Plugin



Contact Smartcard Encoding



Contactless RFID Encoding / RFID-Support



DESFire, Ultralight, LEGIC Chip Card Encoding



APDU Encoding & Encoding via Script



Hybrid Card Encoding in one step



MISCELLANEOUS

Upgrades possible



Network License



Data Transfer to/from external Software



SQL Commands



◆ = included | ◇ = optionally available



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