„The whole is more than the sum of its parts.“

This citation of Aristotle describes the content of our new catalogue in a wonderful way. We are very proud of the clear and detailed presentation, but even more it shows the diversity of MADA and its products, services and innovations. Furthermore, it reveals the perfect complementarity of the different products and how they match perfectly.

Our aim is to provide you, our partners and customers, an extended service offer besides RFID media. Thereby you can compile all necessary components and supports depending on the project’s requirements. MADA is not the general store with all kinds of products, but your reliable and independent full-service provider with own products and ideas in all aspects of the topic identification.

Enjoy reading and greetings from Black Forest!

Best regards,

Patrick Marx
General Manager

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General Manager

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Contact Persons:

MADA Marx Datentechnik GmbH
Experience Identification

Since more than 35 years, MADA represent quality and competence in the field of contactless card systems. As an independent full-service provider we develop and produce identification media as well as the correspondent systems in the most different types of technologies for worldwide leading companies.

Our strength is the customer-oriented and made-to-order production of identification media such as badges, high-quality key-fobs and long-lasting wristband transponders, as well as the encoding and implementation of the corresponding software and hardware systems. Own developments for visitor management, encoding or card printing including the related personalization round off our business spectrum and activities.

MADA offers the complete know-how from one hand – starting with the draft up to the delivery we execute manufacturing processes in-house. This guarantees maximal quality as well as short delivery times. Benefit from our comprehensive business range and our long-time experience. Competent consultancy and personal contact is our highest aim.

Satisfied customers are our best reference! The innovative and multifunctional products are established successfully on the market since many years and play a part in innumerable companies and enterprises to guarantee a smooth and successful flow in all assignments of tasks – rely on our experience and convince yourself by our references and products.

‘We don’t only want to prove our quality, but also make you feel and live it.’

Our new construction at the location in Villingen-Schwenningen was finished in 2015 and is the symbol for a new forward-looking era of MADA. Thereby, it was not only achieved more space for a significant expansion of production capacities, but also a completely new scope of activity: ‘MADA.college’. So far, MADA has brought its knowledge directly to the employees on site. Now the new building provides space for in-house trainings and consulting programs and contributes to another opening of our company in the direction of our partners and customers.
The topics become more and more complex; a consolidated knowledge of technical connections is indispensable. And nowadays, this does not only concern the developers in laboratories but also the client on-site expects already in time a competent and professional consultation about the potential problems concerning his project.

With its new training classrooms, MADA offer a completely new training program about different card technologies with current topics. In response to many requests we have extended our offer to an entire seminar program. The first seminars are applied to the current contactless technologies of MIFARE and LEGIC, divided into the particular target group: Sales or engineering.

Besides the regular trainings it is furthermore possible to arrange individual appointments and training content. Like this, we can offer you a seminar which perfectly meets your specific requirements. The practical part about it: Of course you can perform your training project-related and therefore have a person in your premises who can support you in case of problems and questions.

Selection of Training Courses – Dates and Prices on Request:

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<td>• Write / Read Authorizations in Detail</td>
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Information and Inquiries:

“An investment in knowledge pays the best interest.”

Benjamin Franklin

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With ID.office we present a new professional ID card creation software for companies, authorities and public organizations of all kinds.

Thanks to ID.office you can issue high-quality and secure ID cards in an easy and uncomplicated way.

The appeal of this software lies in its easy and intuitive-to-use surface for the administration of master data and for the creation of card layouts. The software surface can be configured user-friendly and the card creation can be automated. The software solution is compatible with all Windows-based printer drivers. Thus, ID.office supports almost any type of common printer models.

ID.office is not only able to print badges, but also to encode them comfortably in one step. A universal encoding solution for all common contactless and contact badge technologies has been integrated into the software edition ‘Enterprise’. This allows for printing, encoding and initialization of your badges and ID cards in one working process – fully automatic.

**ID.office Small Business Server**

Furthermore, ID.office is available for the first time as a Small Business Server version for inter-divisional card creation across different locations. Your data is saved centrally and is therefore available for all connected PCs at the same time.
ID.office – Overview
one software – your possibilities

Pre-Created Card Designs
The numerous templates integrated by default allow for a fast and easy adaptation of your ID cards.

Card Creation Assistant
Just a few clicks are required to design your card. You will be guided through all necessary steps by our software assistant. Revert to pre-defined databases or use your own database.

Drag-and-Drop Function
Database fields can be easily dragged on your card layout without having studied a comprehensive manual or having defined some field connections in advance.

User Profiles
Create an individual profile for each user and determine what the respective user is able to see or do.

Script-Language-Editor
Own functions or plug-ins can be integrated easily into CardExchange. Thereby, you will dispose of a software which meets your individual requirements.

Professional Graphic Tools
Images can be changed or rotated. Select a suitable background or individual images and graphics – all with just a few simple clicks.

Uncomplicated Text Formatting
Of course you can design freely all your texts. Choose the desired font, text color, picture backgrounds in text fields and much more!

Support of Magnetic Stripes & Barcodes
Encode LoCo or HiCo magnetic stripes with your card printer. Almost any manufacturers are supported. You can also print all common 1D and 2D barcodes ‘Code39 or QR-Code’ with ID.office.

Picture Recording
Just a simple Webcam or a professional Canon DSLR camera can be used. Take passport photo respectively pictures easily and with live-image preview directly from the software. After having processed them, you can store each for the correspondent person.

Database Support
With the version ‘Professional’ or ‘Ultimate’ you can directly revert to your existing databases. CardExchange supports all common databases, such as MS SQL, Oracle, PostgreSQL, MySQL, Paradox or DB2 as well as ODBC interfaces.

RFID Support
ID.office supports numerous contactless technologies, such as MIFARE, LEGIC and HITAG, with different readers. Also combination and hybrid cards can be encoded with ID.office without any problems.

WYSIWYG-Editor
No matter what you create, you can see your changes immediately on the screen – according to the motto: ‘What you see is what you get!’

ID.office – The new generation of ID card creation: Badge printing and RFID-encoding in one step
ID.office – Editions
the ideal solution for any requirement

1 Start with the edition Home for small and cost-effective environments. With the integrated WYSIWYG card designer and an intuitive-to-handle interface you can quickly create perfect badges and ID cards.

**Database Support:**
- Pre-defined MS Access DB
- MS Excel, CSV and text files, MS Access, Paradox

**Features:**
- Max. 200 Datasets / 5 Card Templates
- WYSIWYG Card Designer / Both-Sided Print
- 1D Barcodes
- Support of DirectShow and TWAIN
- Canon Camera Control

2 With the edition Standard additionally supports MS Access databases as well as easy Excel sheets. Also the connection to several database columns and saving of photos and pictures in the database do not constitute any problems.

**Database Support:**
- MS Excel, CSV and text files, MS Access, Paradox

**Additionally:**
- Unlimited Card Templates
- 2D Barcodes and UV Printing
- Signature Pad
- User Administration with Login Functions
- Blocking of Users

3 This edition has anything necessary for card printings. Extended offers a safe, fast and multiple database connection. The automatic face recognition ensures an uncomplicated recording of pictures.

**Database Support:**
- MS Excel, CSV and text files, MS Access, Paradox MS SQL Server, Oracle, MySQL, DB2, PostgreSQL, ODBC support

**Additionally:**
- Unlimited Card Templates
- Automatic Print (Trigger)
- Automatic Face Recognition
- 1D Barcodes
- Support of DirectShow and TWAIN
- Canon Camera Control

4 It contains a universal encoding solution for all contactless and contact card technologies. This allows for printing and encoding in only one step (via UniC10_Plugin).

**Database Support:**
- MS Excel, CSV and text files, MS Access, Paradox MS SQL Server, Oracle, MySQL, DB2, PostgreSQL, ODBC support

**Additionally:**
- IronPython Script Language
- Extended Database Functions
- Grouping of Templates
- Filters etc.

5 With the edition Enterprise additionally supports Postgre SQL, ODBC support

**Database Support:**
- MS Excel, CSV and text files, MS Access, Paradox MS SQL Server, Oracle, MySQL, DB2, PostgreSQL, ODBC support

**Additionally:**
- Encoding Features
- 2D Barcodes
- UV Panel Printing
- Permanent Memory
- Maximum Card Templates
- No Restrictions
- Increase Security
- Add Card Templates
- Enhanced Security
- Additional Features
- Advanced Data Management
- Data Encryption
- Extended Data Record
- Advanced Database Features
- Advanced Data Management
- Advanced Data Encryption
- Enhanced Security
- Add Card Templates
- Enhanced Data Management
- Enhanced Data Encryption
- Enhanced Security
- Add Card Templates
Central Card Production
Optimize your card production with a central data management and an effective network-required license administration (Concurrent-User-License model). Thus, all templates and projects are at the disposal of all connected PCs simultaneously and transparently. ID.office saves all card layouts and settings in a directory, which you can release for other users in the network.

Define User Rights
Additional security and transparency of your data: Via the user administration you can create user profiles and generate and administrate specific authorizations for each user. This way, you are able to allocate group guidelines or limit individually the respective user. Like this, entire locations with different departments can be administrated quickly and effectively.

Integrated Encoding
MADA ID.office supports numerous contactless technologies, such as MIFARE, LEGIC and HITAG, with different readers. Also combination and hybrid cards can be encoded problem-free with ID.office. The program is suitable to read-out, as well as to write on your RFID cards. For the integrated RFID encoding, additionally UniC10_PlugIn is necessary. In case of multiple encodings in one card this Plugin has to be integrated accordingly often per encoding information.

Small Business Server Solutions for Several Workstations
With MADA ID.office Small Business Server you centralize your badge productions. Small Business Server provides secure, fast and multiple database connections. To optimize your printing processes and badge production all necessary information in the company is released by the network. The license server simplifies the provision and configuration of ID.office.

Clients in the network. Thereby, all card layouts, database connections and printer settings are centrally stored in a directory. With only one click the users are able to see new cards which have been created or changes of card layouts which have been made centrally. Furthermore, you can create user profiles via the user administration and generate and administrate specific authorizations for each user.

Single-User Solution vs. Small Business Server
your advantages at one glance

ID.office Single-User Solution
- Card Layouts, Templates and Projects per Workstation
- Database Connections per Workstation
- Database Management per Workstation
- Licensing per Workstation
- Editions: Home, Standard, Extended, Enterprise

ID.office Small Business Server
- Central License Administration in Network / License Server
- Central Database Management
- Terminal Server and VM Support
- Central Storage of Card Layouts / Templates
- Multiple Database Connections (Push-Pull)
- Extended Card Printing
- Any Number of Additional Licenses (Concurrent-User-Licensemodel)
- Editions: Extended, Enterprise

System Requirements:
- Windows XP (SP3), Windows Vista (SP2), 7, 8 and 8.1
- Microsoft Access Database Engine 2007 or 2010
- Microsoft .NET Framework 4.0 (Sometimes .NET 3.5)
- Recommend: DualCore Processor with 2GB main memory and 200MG hard drive memory

System Requirements:
- Windows XP (SP3), Windows Vista (SP2), 7, 8 and 8.1
- Citrix and Terminal systems
- Virtual devices
- Microsoft Access Database Engine 2007 or 2010
- Microsoft .NET Framework 4.0 (Sometimes .NET 3.5)
- Recommend: DualCore Processor with 2GB main memory and 200MG hard drive memory
Encoding Solutions

Individual solutions for higher protection against unauthorized access and an easy and reliable automation of instruction procedures anytime the best solutions for your requirements!

With the encoding solution UniC10 it is possible for you to encode any type of transponder types! We provide encoding solutions for almost all needs and requirements. Überzeugen Sie sich für sich selbst: Our staff will be happy to help.

Versatile and secure ID cards with custom encoding for all applications with UniC10!

Supported Technologies in UniC10

<table>
<thead>
<tr>
<th>LEGIC</th>
<th>MF fare</th>
<th>Texas Instrument</th>
<th>i-CODE</th>
<th>HTAG</th>
<th>EM</th>
<th>Sokymat Series</th>
<th>Gemalto</th>
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<tbody>
<tr>
<td>PRIME</td>
<td>classic</td>
<td>TAG IT Pro 298</td>
<td>SLI SL20</td>
<td>HTAG 1</td>
<td>EM4490</td>
<td>Sokymat Q5</td>
<td>lPrime .NET</td>
</tr>
<tr>
<td>ADVANT</td>
<td>DESFire</td>
<td>TAG IT Pro 2048</td>
<td>HTAG 2</td>
<td>EM41024200 READ ONLY</td>
<td>EM4137</td>
<td>EM4150</td>
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</table>
**UniC10 – Product Line**

integrative solutions for your requirements

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Five Modules, One Family, One Solution: UniC10 Encoding Software

The UniC 10 product line leaves nothing to be desired regarding RFID encoding and offers the ideal solution for any requirement. The portfolio consists of five independent components which can be combined together to some extent.

**UniC10_SQL** describes the efficient universal encoding system for nearly any tasks. In combination with the fully automatic encoding and printing systems you are able to encode and print cards and transponder chips effectively at the same time.

**UniC10_Kiosk** is an on-site encoding solution for the subsequent change of already circulating media – perfectly suitable in combination with terminals for self encoding.

**UniC10_PlugIn** is an integrative encoding plug-in for personalization and card printing systems. Generally, a .dll file is provided which can be adapted to any of your requirements. Of course you can directly choose an integrated full system which is custom-made to your exigencies.

**UniC10_Read** is a universal read-out module. In combination with a corresponding desktop reader you can read-out the information of almost any chip types.

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**UniC10_SQL**

high-power universal encoding system for manual and automatic encoding of transponder chips

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**UniC10_Kiosk**
on-site encoding system for fast and effective changes or adaptations of encoding data

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**UniC10_PlugIn**

integrative encoding plug-in for personalization- and encoding systems

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**UniC10_Click**
kiosk version as prepaid license dongle solution – pay per coding

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**Function Overview UniC10_SQL**

- Checksum Calculation
- Consecutive Numbering or Database Import
- Adoption of Several Variables
- Fixed Encoding Instructions
- Data Entry in DEZ / HEX / ASCII / BCD
- Simultaneous Programming of Several Applications
- Manual Read-Out of Identification Media
- Creation of Authorization such as GAM / IAM / SAM / XAM (only LEGIC)
- Administration of Master Media
- Read-In of IAM / XAM Media
- Manual or Fully Automatic Encoding
- Automatic Archiving Encoding Data
- Administration of Encoding Masks
- Clear and Easy Software
- Import of KABA ARIOS orders
- Versioning of Encoding Masks
- Logging Function
- Customer-Specific Formatting of Unique Badge Number Lists
- Full Support of LEGIC SM4500 Chipset
- Optional: Simultaneous Encoding of all Transponders of a Combined Card, e.g. LEGIC Prime + LEGIC Advant
- Search over all Encoding Protocols to Certain Unique Badge Number
- Creation and Integration of Mifare SAM AV2 Cards
- Mifare Classic and Desfire Key Diversification

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RFID Encoding Software UniC10_SQL

a multiuser compatible client-server-system for complex requirements

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Efficiency in Handling, Configuration and Archiving

The UniC10_SQL is an efficient encoding system which was function overview developed for manual and automatic encoding of transponder chips. With the software you can encode and read-out different types of transponders. The client-server architecture consists of a database server with a database of commissions and licenses. The license file describes the licensed encoding modules and the number of users. Thanks to the client-server architecture, updates in regard of the encoding modules global for all users are possible by changing the license file in the database.

The data layout of the transponder (programming mask) is clearly created and related to a customer or commission. With the help of this commission, the transponders can be encoded automatically in the programming mode after the entry of the variable fields such as card number and step size. Of course any programming procedure is saved and can be printed out for control or logging. A logfile as well as a multi-stage user administration with required password is also a part of it. The basis of the encoding software is a SQL database server which is also component of delivery. Over the integrated ODBC interface the access to external encoding data is also possible.
UniC10_Kiosk – The Easy and Fast Encoding Solution on Site

Adding or changing a new segment or sector on transponder which are already in use and in circulation, usually means high effort. All media have to be collected and provided to the correspondent system vendor.

We can offer an alternative: UniC10_Kiosk is an efficient encoding system which has been developed for the fast changing or adjustment of encoding data on-site. Thanks to the minimal technical requirements, UniC10_Kiosk can be installed on all common PCs. There is no need for dongles, licensing or registration.

The encoding layouts are initially created for you ex works according to your specification and guarantee an easy and intuitive handling of the software. Together with the MADA USB desktop reader and encoding devices you can create a fast, easy and especially independent encoding area in-house.

Function Overview UniC10_Kiosk

- Fully-Automatic Encoding & Partly Manual Encoding
- Data Entry in DEZ / HEX / ASCII / BCD
- Logfile Function to Record all Encoding Processes
- Optional: Read-Out of the Encoded Badge Number

UniC10_Kiosk Encoding Bundle: Software and USB RFID Writer for all Common RFID Technologies

RFID-Encoding Plugin UniC10_PlugIn

integrated encoding plug-in for personalization- and card printing systems

UniC10_Plugin – The Encoding-Add-On for Card Printing & Personalization

The universal encoding module for the integration of contactless transponder technology into the most diverse personalization- and card printing systems: Thanks to the modular structure, you can integrate the plug-in into different personalization- and ID-management systems.

After reading-in the encoding masks and data, the software works completely in the background, the user has his common working environment, the programming and communication with the main program is effected fully automatically.

Supported Card Printer and Personalization Systems

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
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<td>Magicard</td>
<td>Rio2e, Tango2e, Enduro, Enduro+, Rio Pro, Prima 4</td>
</tr>
<tr>
<td>MATICA EDISecure</td>
<td>XID8100, XID8300, XID8600, XID9000X</td>
</tr>
<tr>
<td>Evolis</td>
<td>Primacy, Avansa, Quantum, Quantum 2</td>
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<tr>
<td>Datacard</td>
<td>SP35 / SP65</td>
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<tr>
<td>Zebra, Eltron</td>
<td>P310, P310i, P330i</td>
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</table>

<table>
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<tr>
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<th>Software</th>
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<td>Datacard</td>
<td>ID.Works</td>
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<tr>
<td>CardExchange</td>
<td>CardExchange</td>
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<td>EDISecure</td>
<td>CMS</td>
</tr>
<tr>
<td>NFive</td>
<td>CardFive, CardFive Vision</td>
</tr>
</tbody>
</table>

*Additional hardware and software on request

UniC10_Click

pay per coding encoding-dongle

With our UniC10-Click, you can bill per encoding process for the first time. You can charge your UniC10_Click licence dongle with any encoding volume and use it according to requirements. If this volume is used up, you can change the dongle or we can recharge it for you. The type of encoding is made in advance according to customer’s request – UniC10_Click is the ideal solution for smaller encoding projects with low cost expenditures.

Available for: UniC10_Kiosk
UniC10_Read RFID Multiband analysis kit

professional RFID transponder analysis at workplace and in the field

Readout and Identification of RFID Media

The new UniC10_Read RFID Multiband analysis kit has been developed for a fast and effective analysis of RFID transponders.

The useful and portable aluminum briefcase contains anything to realize a detailed chip analysis for customer’s needs.

UniC10_Read RFID Multiband analysis kit supports all common 125 kHz and 13.56 MHz RFID transponders – starting from LEGIC, MIFARE and HITAG up to many exotic technologies and standards. Combined identification media (combination / hybrid media) can be distinguished and read-out separately.

In general, chip type and unique badge number are read-out. Additionally, you get information about the free memory capacity and the detailed encoding parameters. In the field of LEGIC, you additionally obtain all information about segmentation parameters and specification (depending of LEGIC rules). In the field of MIFARE, you can also enter reading and writing keys.

Professional Creation of Analysis Protocol

From now on, you can provide information quickly and professionally by creating a detailed analysis protocol with all necessary information at the push of a button:

Scope of Delivery

- 1 x UniC10_Read Analysis Software
- 1 x Multiband Mini USB RFID Desktop Reader
- 10 x Sample Cards (LEGIC, MIFARE, HITAG…)
- 1 x Sample Key-Fob ceVo
- 1 x Sample Media classic
- 1 x USB Memory Stick with Software, Fittings and Documentation

No special knowledge is needed for installation and commissioning of UniC10_Read RFID Multiband Analyzing Kit, true to the motto “Install and get started!”
Efficiency in Handling, Encoding and Personalization

With the fully automatic all-around encoding station and the corresponding encoding software UniC10.SQL it is possible to encode and personalize almost any type of technology and combination in low- and high-frequency field on the basis of a soft- and hardware solution – and this even simultaneously.

This means that the ID card can be encoded time-saving and in parallel to the printing process. Up to now, two separate work steps were necessary in the card printer. Thanks to the turnable, independent encoding module, the card is now printed and encoded in only one step.

Function Overview

- Fully Automatic Encoding and Personalization of ID Cards
- Encoding Software incl. MySQL Database Server, Commission and License Database
- Integrated Multiband Encoding Module for HF and/or LF RFID Encodings
- Combination of Encoding of Magnetic Stripes, Contact-Based and Contactless Chip Cards
- Encoding and printing in only one step by a turnable, independent encoding module

System Periphery

- UniC10.SQL incl. MySQL Database Server, Commission and License Database
- UniC10.SQL Mask Module for each Technology
- Evolis Quantum 2 Industrial Production Card Printer with Integrated Multiband Encoding Module for HF and/or LF RFID Encodings
- Evolis Quantum 2 Industrial Production Card Printer with Integrated Multiband Encoding Module for HF and/or LF RFID Encodings

Productivity for Commercial Applications: Modern Multiband Technology for 125 kHz and 13.56 MHz RFID Transponders.

*Print and encode up to 1000 cards per hour!*

*The total per hour depends on the technology to be encoded and the layout complexity.*

125 kHz & 13.56 MHz / Combined Media
SDR RFID Reader (Single Desktop Reader)

125 kHz & 13.56 MHz Desktop Readers & Encoding Devices for all Requirements

With our wide range of USB RFID desktop readers and encoding devices we combine maximum flexibility with comfort and security. We offer reader and encoding device for all customer-specific application areas. The functions comprise the use as a classic write/read-system, encoding of RFID transponders or a single-sign-on for access control for PCs or info-terrestrial systems.

By supporting all common RFID standards – 125 kHz as well as 13.56 MHz - the compact reading modules offer maximum efficiency.

Furthermore, the USB RFID desktop readers can be used as keyboard emulation (simple connection to PC, no further drivers necessary), or as virtual ComPort with entire access to transponders.

The SDR reader is individually configurable and can be adapted to different applications. E.g. it can be defined to read and transfer only the UID or certain character strings of the encoding structure of the transponder.

Even more flexibility: All RFID desktop reader / encoding devices are also available as OEM version with customer-specific front part in OEM body housing!

Technical Specifications

| Housing: | Material ABS, Colour Black or White |
| Frequency: | 125 kHz, 13.56 MHz |
| Dimensions: | 88 mm x 56 mm x 18 mm |
| Power Supply: | 5 V ±10% via Communication Cable (USB) |
| Supply Current: | Depending on Type |
| Connection Cable: | USB / Standard Length: 45 cm, Other Lengths up to 200 cm on Request |
| Temperature Range: | Operating: -25°C up to +80°C |
| Modes of Operation: | USB Keyboard Emulation, USB Virtual COM Port, Direct Access |
| Certifications: | CE, RoHS-II and Others |
| Accessories: | SDR Snap-In Holder |

Please note that the SDR RFID reader is destined for fixation on a plane surface. Thereby, the snap-in holder is screwed together with the surface.

SDR headband
Note: for fixing badges in ISO dimension, key „Classic“, key „CevLo“ and others on request

SDR RFID Reader LEGIC

| LEGIC: | Advant / Prime |
| ISO14443: | MIFARE DESFire EV1, MIFARE Plus S, MIFARE Pro X, MIFARE SmartX, SLE66Rxx, SLE44R35, PayPass, Ntag2xx |
| ISO15693: | EM4425, Tagt, SRX66100+100, ICODE SLI |
| MIFARE: | MIFARE classic, classic EV1, Mini, Ultralight, Ultralight C, Ultralight EV1 |
| Sonstige: | Sony Nexx, NFC Forum Tag Type 2-4, PicoPass, HD Class, HD Class SDR |
| Art.Nr.: | 079510036 |

SDR RFID Reader MIFARE

| MIFARE: | classic 1k & 4k, classic 1k & 4k EV1, DESFire EV1, MIFARE Plus S, Plus X, Pro X, SmartX, PayPass, Ultralight, Ultralight EV1, Ultralight C, Ultralight EV2 |
| ISO14443A: | LEGIC Advant UID only |
| ISO14443B: | SLE66Rxx, SLE44R35 |
| Art.Nr.: | 079200201 |

SDR RFID Reader MULTI 125 kHz

| EM: | EM41XX, EM4200, EM4050, EM4150, EM4450, EM4550 |
| HITAG: | HITAG 1, HITAG 2, HITAG 5 |
| Atmel: | TS5567, TS5561, TS5577 |
| Sokymat: | Q5 |
| Sonstige: | FDX-B, Mini TITAN4100, UNIQUE, ZODIAC |
| Art.Nr.: | 079350111 |
The Secure Windows Logon: RFID Media as Logon Key

Safety and reliability in regard to data and information access is playing an increasingly important role in the corporate environment. The safety of your Windows system environment significantly depends on the quality of the passwords of the particular user. The use of ‘safe’, as long as possible and complex passwords is recommended in all areas with respect to Windows security. But even if passwords surround us in our daily life, they are unhandy and insecure. It is too easy to spy out or forget these passwords – this causes security shortfalls. But we provide the ideal solution:

With ID.logon, any RFID media can be turned into a highly comfortable and effective safety instrument. The access to your Windows system environment, whether in your office and/or at home, is now comparable with the access to your entrance doors. ID.logon connects flawlessly with your logon ID and the password entry is synchronized. Thereby, the RFID media serves as ‘key’ and is applied on the corresponding reader after start up the PC to login the user automatically in the system. Thus, your manual Windows logon is replaced by a digital, encrypted ‘fingerprint’.

The Smart Authentication solution ID.logon needs only a few operation components on the user surface. These ones are self-explanatory and therefore also guarantee a fast and effective configuration of your authentication media. The ID.logon Key Manager optionally offers a centralized user and key management which administrates and organizes centrally all user and logon data.

No New RFID Media Required: Use Your Existing Media

ID.logon provides the unique advantage to use any RFID media which are already in circulation, e.g. employee badges, ID-cards or access keys, for the Windows authentication. No changes or new media is necessary – in order to avoid additional costs.

In this respect, ID.logon and the corresponding special Multiband RFID readers supports all common RFID technologies in the field of 125 kHz and 13.56 MHz. ID.logon is randomly configurable on the basis of the RFID media, i.e. different information can be used for authentication: by default RFID UID (unique badge number) but also other parameters, such as the card number.

ID.logon Saves Quickly and Easily the Access to:

- PCs with Windows 7, 8 and 10
- Novell e-Directory: Fully compatible with Novell Client 4.81 (or newer)
- Windows Remote Desktop

ID.logon Smart Authentication: Even easier and safer can not be a Windows logon!
**Easy Workflow:** Apply your RFID Media and Logon Automatically to Windows!

**ID.logon – Editions and Functions**

**ID.logon Smart Authentication:** There’s no easier and safer way of logon to Windows!

### Three Versions for an Efficient and Easy Logon

**ID.logon** for Windows authentication is available in three versions. The respective RFID media as well as the 125 kHz or 13.56 MHz desktop reader serve as a basis. All versions can be upgraded optionally with **ID.logon Key Manager** for the central administration of keys and licenses. On customer’s request, any other encoded badge parameter of the RFID media for Windows logon can be read-out besides the UID (unique badge number) – without changing your media!

#### Supported Technologies in ID.logon

<table>
<thead>
<tr>
<th>LEGIC</th>
<th>MIFARE</th>
<th>Texas Instrument</th>
<th>I-CODE</th>
<th>HITAG</th>
<th>EM</th>
<th>Sokymat Sans</th>
<th>Semtagex</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIME</td>
<td>Classic</td>
<td>TAG IT</td>
<td>SLU 520</td>
<td>HITAG 1</td>
<td>EM4460</td>
<td>Sokymat Q5</td>
<td><strong>Star/Custom</strong></td>
</tr>
<tr>
<td>ADVANT</td>
<td>DESFire</td>
<td>HTAG 2</td>
<td>EM4102/4200</td>
<td>READ ONLY</td>
<td>ATA 5577</td>
<td>Prozessspuren</td>
<td><strong>Star/Custom</strong></td>
</tr>
</tbody>
</table>

#### Functional Characteristics

<table>
<thead>
<tr>
<th>Editions</th>
<th>Standard</th>
<th>Enterprise</th>
<th>Server</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Windows Authentication / Logon for: Windows 7, 8 &amp; 10</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Two-Factor-Authentication with Additional PIN Entry</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Support of Windows Domain, Active Directory</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Support of Various Authentication Media: RFID-Medias (LEGIC, MIFARE, HITAG, ...), Smartcards, USB Tokens,...</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Automatic Read-Out of UID (Unique Badge Number) for Windows Logon (for all Supported RFID Technologies)</td>
<td>optional</td>
<td>optional</td>
<td>optional</td>
</tr>
<tr>
<td>Automatic Read-Out of any Parameters of the RFID Data Memory for Windows Logon (According to Customer Specification); at Cost and Effort</td>
<td>optional</td>
<td>optional</td>
<td>optional</td>
</tr>
<tr>
<td><strong>ID.logon Key Manager</strong> – Central Administration of Keys and Licenses</td>
<td>Application of Authentication Media for Several Computers / User Accounts</td>
<td>optional</td>
<td>X</td>
</tr>
<tr>
<td>Windows Authentication on Computer via Remote Desktop</td>
<td>optional</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
Selected & Powerful Card Printers from Leading Manufacturers

Irrespective of which requirements you may have in the field of badge management and the printing of ID cards, our comprehensive range of carefully selected ID card printers, laminators and accessories from renowned manufacturers enables us to provide you with the right solution. Encoding facilities and innovative software solutions - all "made in-house" - round off our package of solutions. As a sales partner of the leading global manufacturers of card printers, Magicard and MATICA, we not only offer you systems but can also accompany you throughout the entire product life cycle. Our well-educated, trained and certified service staff is always on hand to provide you with support whenever you need it.

Consumables & Accessories: Color Ribbons, Retransfer Films and Cleaning Kits from Stock

We can offer you a comprehensive range of consumables for all well-known manufacturers. Ink ribbons, cleaning kits, spare parts and accessories for many commonly used types of printer and customization systems are available straight from our stock - simply ask your contact person in our company. We shall be pleased to advise you.

Authorized Dealer

Best Service
Personalization Bundles
adapted complete packages for the efficient and high-quality card production

**Value Line - Print** – First-Time User
Personalization Bundle for Fast and Cost-Saving Card Print

The cost-saving personalization bundle for first-time users offers you all functions which are necessary for fast and competitive card printing. Besides a professional WYSIWYG card designer, the version Standard of the personalization software ID.office provides various 1D and 2D barcodes as well as the UV-print. Additionally, ID.office supports DirectShow, TWAIN picture recording and Canon Camera Control (for the Canon EOS series). Thanks to the integrated user administration with login function, you can expect the ideal protection.

**Scope of Delivery**
- 1 x Magicard Enduro3E Direct-to-Card Printer Single-Sided
- 1 x MADA ID.office Standard ID Card Management Software
- 1 x Color Ribbon 5 Zones YMCKO 300 Prints
- 1 x Cleaning Kit 10 Cleaning Cards, 1 Cleaning Pen

**Value Line - Photo** – 1 – Fast and High Quality Production of Employee or Membership cards

Together with the integrated TWAIN picture recording of ID.office Standard, the professional HD 1080p Webcam guarantees a fast and very easy picture recording. The ID.office version Standard supports different table formats for the connection of master data. Thanks to the integrated WYSIWYG card designer with numerous graphic elements, connection with signature pads and multifunctional barcode options (1D and 2D barcodes), ID.office Standard meets a multitude of requirements in the field of card personalization.

**Scope of Delivery**
- 1 x Magicard Enduro3E Direct-to-Card Printer Single-Sided
- 1 x MADA ID.office Standard ID Card Management Software
- 1 x Premium Webcam, HD 1080p incl. Tripod with a swivel head
- 1 x Color Ribbon 5 Zones YMCKO 300 Prints
- 1 x Cleaning Kit 10 Cleaning Cards, 1 Cleaning Pen

**Value Line - Photo** – 2 – Complete Production Package including automatic, Face Detection and ODBC Support

The professional HD 1080p Webcam and the Magicard Enduro3E direct card printer offer you fast and easy creation of classical ID-media. Thanks to the face recognition which is integrated into ID.office Extended, picture recording does not constitute a problem. The software version Extended additionally offers expanded filters and database functions as well as an automatic print function (trigger) for serial production. Extended still supports ODBC-connections to external personal master tables.

**Scope of Delivery**
- 1 x Magicard Enduro3E Direct-to-Card Printer Single-Sided
- 1 x MADA ID.office Standard ID Card Management Software
- 1 x Premium Webcam, HD 1080p incl. Tripod with a swivel head
- 1 x Color Ribbon 5 Zones YMCKO 300 Prints
- 1 x Cleaning Kit 10 Cleaning Cards, 1 Cleaning Pen

**Personalization Bundles**
adapted complete packages for the efficient and high-quality card production

**Value Line** – Print
- First-Time User
- Personalization Bundle for Fast and Cost-Saving Card Print

**Value Line** – Photo
- 1 – Fast and High Quality Production of Employee or Membership cards

**Professional Line** – The Professional Complete Package for Card Printing, Personalization and Image Capture

Besides the Camera Set SLR Professional and the professional ID-card printer Magicard Rio Pro with 3 years Ultra-Cover-Plus-Guarantee, the Professional Line series offers you all functions of the personalization software ID.office. With the version Enterprise, you can additionally generate special user profiles. Your own scripting can be made via the integrated scripting language. In addition to the fingerprint scan, Enterprise also supports the integrated RFID-encoding.

**Scope of Delivery**
- 1 x Magicard Rio Pro Direct-to-Card Printer Single-Sided
- 1 x MADA ID.office Enterprise ID Card Management Software
- 1 x Camera Set SLR Professional Canon EOS incl. Tripod
- 1 x Color Ribbon 5 Zones YMCKO 300 Prints
- 1 x Cleaning Kit 10 Cleaning Cards, 1 Cleaning Pen

**Personalization Bundles**
adapted complete packages for the efficient and high-quality card production

**Value Line** – Print
- First-Time User
- Personalization Bundle for Fast and Cost-Saving Card Print

**Value Line** – Photo
- 1 – Fast and High Quality Production of Employee or Membership cards

**Professional Line** – The Professional Complete Package for Card Printing, Personalization and Image Capture

The personalization bundle Professional Line is optionally available with RFID-encoding. For integrated encoding, the UniC10_Plugin is additionally necessary.
Magicard ID Card Printers – The Full Range of ID Card Printing

The well coordinated line of Magicard offers high quality, security features and all kinds of innovations, only available at Magicard.

Large Product Portfolio & Integrated Encoding

Magicard offers a wide selection of card printers: From entry-level model, to cost-efficient solutions up to high security printers with all encoding options via MADA UniC10_Plugin.

Patented Security

Magicard’s unique HoloKote® and Holo-Patch® feature allows you to produce secure cards at favorable price.

The World’s Best Guarantee

The unique guarantee UltraCoverPlus® is only offered by Magicard: The unsurpassed three-year-guarantee is available for Rio Pro of “Professional Series” and provides:

- Direct contact by telephone of E-Mail with Magicard’s experienced support team.
- Uncomplicated replacement of defect print heads.
- Replacement device free of charge, if your printer is not repairable within one day.

Magicard Pronto – Good Quality and Performance at a Low Price

The Magicard Pronto printer features a single card feed that enables you to produce a personalised card on demand in minutes. Edge-to-edge and sharp image quality for simple and easy card printing in a compact and highly reliable package.

The Magicard Pronto printer delivers low cost printing and free card visual security as standard with four HoloKote® watermark designs. Security can be further enhanced with magnetic stripe and smart card encoding options.

Technical Specifications

- Print Mode: Color Dye Sublimation/Rewrite
- Print Speed: Color: 35 Seconds/Card  
              Monochrome: 7 Seconds/Card
- Card Thickness: 0,51 up to 1,02 mm
- Card Capacity: Manual Single Card Feed
- Visual Security: 4 Default HoloKote® Watermarks
- Interfaces: USB
- Dimensions: 215 x 233 x 270 mm (W x H x L)
- Weight: 4,4 kg
- Encoding Options: Magnetic Stripe, Contact & Contactless Chip Cards
- Warranty: 2 Years Limited Depot Warranty
Magicard ID Card Printers
our best sellers with the world’s best guarantee for card printers

Magicard Enduro3E – The World’s Most Reliable ID Card Printer

To protect the security of your organisation, you need ID cards that can be relied upon. Every card printed on the Magicard Enduro3E’s tried and tested platform can be secured with a HoloKote® anti-fraud watermark. The USB interface, Ethernet and Microsoft certified, Mac OS X compatible, plug and play driver make the Enduro3E easy to install and easy to use. Available off-the-shelf as single or double-sided, you can also upgrade a single-sided Enduro3E to enable duplex printing with a unique drop-in field enhancement.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Print Mode:</th>
<th>Color Dye Sublimation/Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print Speed:</td>
<td>Color: &gt;100 Cards/Hour Monochrome: &gt;500 Cards/Hour</td>
</tr>
<tr>
<td>Card Thickness:</td>
<td>0.51 up to 1.27 mm</td>
</tr>
<tr>
<td>Card Capacity:</td>
<td>100-Card Feeder, 70-Card Stacker</td>
</tr>
<tr>
<td>Visual Security:</td>
<td>4 Default HoloKote® Watermarks</td>
</tr>
<tr>
<td>Interfaces:</td>
<td>USB, Ethernet</td>
</tr>
<tr>
<td>Software Drivers:</td>
<td>Windows XP, Vista, 7, 8, 8.1, 10</td>
</tr>
<tr>
<td></td>
<td>(32/64bit) Windows server 2003 R2</td>
</tr>
<tr>
<td></td>
<td>SP2, 2008, 2012, 2016 and Mac OS X</td>
</tr>
<tr>
<td></td>
<td>10.9.0 upwards</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>206 x 233 x 453 mm (W x H x L)</td>
</tr>
<tr>
<td>Weight:</td>
<td>5.5 kg</td>
</tr>
<tr>
<td>Encoding Options:</td>
<td>Magnetic Stripe, Contact &amp; Contactless Chip Cards</td>
</tr>
<tr>
<td>Warranty:</td>
<td>3 Years Limited Depot Warranty</td>
</tr>
</tbody>
</table>

Magicard Rio Pro – The Professional’s Choice for Secure Card Printing

The Magicard Rio Pro’s patented HoloKote® security technology adds a watermark to the card as it is printed – it requires no additional consumables and can be customised to an individual logo design - enabling true security at no extra cost. Built for professionals, the Rio Pro’s superior card printing quality is enhanced by ICC profiles that seamlessly map colours between software and the printer. Built with high performance purpose-built materials and advanced components, the Rio Pro is designed and manufactured with the market-leading UltraCoverPlus warranty.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Print Mode:</th>
<th>Color Dye Sublimation/Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print Speed:</td>
<td>Color: &gt;150 Cards/Hour Monochrome: &gt;500 Cards/Hour</td>
</tr>
<tr>
<td>Card Thickness:</td>
<td>0.51 up to 1.27 mm</td>
</tr>
<tr>
<td>Card Capacity:</td>
<td>100-Card Feeder, 70-Card Stacker</td>
</tr>
<tr>
<td>Visual Security:</td>
<td>5 Default HoloKote® Watermarks</td>
</tr>
<tr>
<td>Interfaces:</td>
<td>USB, Ethernet</td>
</tr>
<tr>
<td>Software Drivers:</td>
<td>Windows XP, Vista, 7, 8, 8.1, 10</td>
</tr>
<tr>
<td></td>
<td>(32/64bit) Windows server 2003 R2</td>
</tr>
<tr>
<td></td>
<td>SP2, 2008, 2012, 2016 and Mac OS X</td>
</tr>
<tr>
<td></td>
<td>10.9.0 upwards</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>220 x 250 x 470 mm (W x H x L)</td>
</tr>
<tr>
<td>Weight:</td>
<td>4.9 kg</td>
</tr>
<tr>
<td>Encoding Options:</td>
<td>Magnetic Stripe, Contact &amp; Contactless Chip Cards</td>
</tr>
<tr>
<td>Warranty:</td>
<td>3 Years UltraCoverPlus Warranty</td>
</tr>
</tbody>
</table>

Magicard Security Features

**HoloKote® and HoloPatch®**

Standard HoloKote®

HoloKote®, patented by Magicard, is a secure watermark that is printed on to the card surface during the normal print cycle using standard consumables (ribbons and cards).

The HoloKote® image is frosted into the clear overcoat application of the standard print process resulting in a watermark like layer that can be visually verified when the card is tilted in the light. With all Magicard direct-to-card printers, the user can select from four standard secure HoloKote® designs using the printer driver.

**Custom HoloKote®**

With the Magicard Rio Pro ID card printer series, users can opt for Custom HoloKote® – enabling the implementation of a personalised HoloKote watermark into the standard print process. This watermark could be an organisation’s logo, or some other unique security design.

**Custom HoloKote® Flex**

A flexible and specially for you prepared security watermark that will be printed on the card surface as you defined.

One standard HoloKote® comes with the Rio Pro.

**HoloPatch®**

Completely unique to Magicard. HoloPatch® cards have a highly reflective gold ‘super diffuser’ seal. When the HoloKote watermark is printed on to the seal; the watermark becomes clearly visible under all lighting conditions. HoloKote with HoloPatch has a similar appearance to hologram seals.

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The modular single-or double-sided XID8300 Retransfer Printer was developed for industrial needs. It is provided with various optional modules such as bend remedy, flipper, and encoding modules.

Based on wealth and experience with XID Retransfer Technology, the printer is ready for plug and play inline encoding and lamination. With its compact size, the printer delivers the right combination of reliability, performance and affordability for printing durable and secure cards. It almost achieves offset printing quality, even on uneven surface of smart cards.

The XID8300 prints on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate. The printer is ready to meet your individual requirements and can be equipped according to the customer needs. Optional magnetic stripe, IC contact and smart card encoding is possible for further demands on card functionality.

The XID8600 Printer is the high-end model of the proven 8xxx series of Matica’s XID Retransfer Printers with an ultra high resolution of 600 dpi in card printing quality. It is the perfect fit for increased security printing demands in ambitious ID Card applications, such as National ID programs, Drivers License Programs and similar. Since most of these projects are requiring the personalization on both sides of the card, the XID8600 already comes with a factory built-in flipper module in the standard model.

The ultra high resolution of 600dpi allows printing crisp, tiny characters, down to a character size of 1,3pt. Electronic fine-line printing and other sophisticated graphical elements can be printed in exciting, nearly equal to pre-printing, quality.

The XID8600, as the top-of-the-line model, can be configured and customized for all kind of individual requirements. Printing in high quality is possible on various card materials like PVC, ABS and even Polycarbonate.
MATICA XID Retransfer Printers

**MATICA XID9300 – High Performance With Industry Standard**

The double-sided XID9300 Retransfer Printer offers high quality and highly durable print results. It almost achieves offset print quality without a blemish even on challenging uneven surfaces of smart cards. For maximum flexibility in a professional environment, this innovative printer comes prepared for various encoding and lamination options. Equipped with optional security locks, this printer is applied in highly secure and high volume operations such as government agencies, R&D departments, laboratories as well as multinational corporations.

The XID9300 prints on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate. The lockable, spacious card drawer stores up to 300 blank cards to secure an interruption-free workflow. Extend the life time and security of your cards by joining the printer with the ILM or ILM-DS single- and double-sided inline lamination.

---

**MATICA ILM – Inline Lamination for Maximum Protection & Safety**

Extend the life time and security of your cards with the ILM inline Lamination Module. With applying clear and secure laminates on the card, the surface will be protected against physical damage and the card life extended. Custom design or generic holographic foils help to protect the cards against tampering.

The ILM can be combined for inline lamination with the DCP 360+ Direct Card Printer and all XID9300 Retransfer Printers to maximize the card security and durability. With the optional external Flipped Unit you can upgrade the ILM to double-sided lamination or even add a second ILM for sandwich lamination of different laminates.

---

**MATICA ILM-LS/DS – Fastest and Most Flexible Lamination Program**

The ILM-LS can be combined easily for inline lamination with the XID8300 Retransfer Printer, simply attach the unit with the appropriate joining plate to the printer – that’s it. Communicating via infrared interface, the lamination parameters for the various card materials are controlled by the printer driver.

---

**MATICA XID9300e – developed for highest requirements**

The new XID9300e Re-transferprinter is the perfect solution for a top quality at a high output of cards. It has been specially developed for the high-resolution printing of ID cards with 300 dpi, making it the ideal complement to a conventional direct card printer.

The XID9300e high-performance retransfer printer can process up to 1,400 cards within a single print cycle thanks to the expandable FEM card feed modules. Each card module FEM can be equipped with up to 350 cards. In addition, in each module cards can be equipped with different coding technologies. The XID9300e is the best professional retransfer card printer available in the market for desktop card printing. It is part of the new Matica Desktop Module (MDM) concept, which offers a number of unique and unique hardware modules that can be combined. This new MDM concept was developed to meet the requirements of many applications in different market segments. The new powerful and flexible middleware Matica Desktop Suite (MDS) was developed to optimally control the XID9300e with its various devices and options.

What’s more, it is an ideal platform for maximizing throughput through its multi-feeder module technology, which accommodates several card types in one production line. One configuration may include up to four card feed modules FEM and allow complete printing of different types of cards without operator intervention. The XID9300e is perfect in its technical implementation thanks to its single-wire IP connectivity and integrated IPSC Secure Controller. It is easy to install and operate. The security features include various physical and electronic locks to prevent unauthorized access to cards and consumables.
When serial- and standard products reach their limits, know-how is requested. We develop own soft- and hardware components for card management, encoding- and reader technology as well as card- and personalization systems. Thus, we complement proven manufacturer technologies to a perfect customer-specific overall system. We create solutions in the context of other systems with interface- and add-on functions and therefore guarantee the maximal added value and the optimal operability for globally leading companies. We guide you during the complete roll-out process and support you in terms of a holistic project management in the creation, project planning and realization of your migration projects.

Away from the standard: Approved serial products are complemented to a perfect customer-specific and made-to-order overall system by own software – and hardware developments.
Mobile solutions for your access control with ID.mobile