Encode new cards, print them individually and control the process – all with InterCard’s central card management system
CARD MANAGEMENT SYSTEM
PSDCard®
Software solution for card production

PSDCard® is a professional card management system which offers a wide range of functions and user-friendly process, making the production of multi-function cards easy to understand and accessible to everyone.

In PSDCard® the entire user interface (tables, masks, controls, etc.) can be adapted to suit individual requirements. PSDCard® is future proof and can be extended at any time to include new functions and technologies and is easily updated.

PSDCard® has been developed to meet the highest requirements, providing a simple and intelligent connection to external systems such as staff administration, access-control solutions or time tracking systems.

Personalising the cards
PSDCard® provides a flexible solution so that you can encode and print all different types of card — whether you need just one single card or a large quantity at the same time. With our software you will have many more options than with the usual card-printing software programs. With PSDCard® you can not only write onto magnetic strips, but can also encode contactless and contact-based chip cards.

For every requirement
PSDCard® has been developed for many different areas of application. An association, for example, will have very different needs from a university or a large company. We offer the card management system in a number of different versions so that all our customers can make use of the functions they require.
An easy way to encode the cards

The “SchemaCreator” PSDCard® tool will permit you to create encoding schemes for your contactless chip cards both quickly and easily. No knowledge of programming is required. The user is provided with an intuitive tool which operates through access and selection fields, a drag & drop-function and a graphic interface. The tool supports the current RFID technologies MIFARE®, Hitag and LEGIC®.

Advantages of the SchemaCreator:
- Faster than comparable products
- The only solution of its kind on the market

When using PSDCard® in universities, technical colleges and similar institutions the encoding scheme is based on the InterCard standard. In the case of Mifare® DESFire, additional applications can be added using the “SchemaCreator”.

Adjustable interfaces

Based on the fully functional standard, the entire user interface – tables, masks, controls and so on – can be personalised to your requirements. And best of all, even after the personalisation process PSDCard® remains fully extendable and fully updateable. So it is perfect if you also want to work with PSDCard® in the long term.
Individual printing of cards

Monitors the printing status

During the printing process you can see important key data such as, for example, the number of cards to be printed, the average number of printed cards per minute and also the estimated remaining printing time.

In addition, you can interrupt or cancel the printing process at any time via the “printing status window”.

For all card printers in common use

The card printing market is served by a wide range of different suppliers and models with different specifications. PSDCard® therefore provides comprehensive support for all card printers in common use.

These include the models of the leading card printer manufacturers such as Evolis, HID and Zebra.

Further features:
• Support for 1D & 2D barcodes
• Print rendering for optimal printing quality
CARD MANAGEMENT SYSTEM

Taking and processing photos and integrating them into the system

Display the live picture on your PC and take the photo

PSDCard® supports webcams and various digital cameras by displaying a live picture on the monitor. The image can be viewed from your workstation and captured without having to copy or delete unnecessary photos.

PSDCard® supports, for example, Canon® EOS cameras with its live picture display.

The advantages of the live picture function:

- Take the picture directly at your computer workplace and then load it into the system
- Webcams and various Canon® cameras may be used.
PSDCard® includes an automatic photo processing module that automatically recognises faces, cuts the pictures to size and removes “red eye”. Here, too, you can use a live picture from various Canon® digital cameras.

The advantage for you is that the photos to be printed do not need to be extracted using a photo-processing program, which is a time-consuming process. Instead you save time because the pictures are made available within the software.

The advantages of automatic photo processing:

- Manage the photos directly in PSDCard®
- Automatic recognition of faces which are then cut to size
- Automatic removal of “red eye”
- No photo processing program is required
Encode all card functions in a single process

The multifunctional chip card

With PSDCard® all the interfaces for the full range of functions of a multi-functional chip card are immediately available.

Functions like access control, time tracking, vehicle fleet management, printing and copy management, payment systems for the canteen and much else can be programmed onto the chip card in a single process.

Through the central management of the data on the application server there is a considerable saving of costs: you are able to produce, manage, extend or cancel one single card.

The advantages of multifunctional chip cards:

- All functions on a single card
- Central management of all data
- Tried and tested solutions replace individual developments
- Cost-efficient complete system
Create visitors’ passes and check visit times

Visitor management

With the PSDCard® “visitor management” module an independent client is available within the PSDCard® installation, through which visitors can be managed together with their own information. A history of visitor activities (comings / goings) can be monitored for each visitor data set.

The PSDCard® visitor management module also offers the option of recording these visitor activities electronically, in order to relieve the user’s staff of management duties. In order to record the registrations electronically, all card formats (barcode, magnetic strip, SmartCard, RFID etc.) are supported. The appropriate card reader can simply be linked up to the PSDCard® visitor management module.
The imported data sets can be used in real time for the production or updating of chip cards. Thus, for example, the data can be used directly to print a chip card or to grant or withdraw access rights.
The data on the chip card can be read using a card reader and the software can be used to display the information on your PC.

Through the integrated rights management you can determine in advance which user has access to which data.

With PSDCard® you can still process the chip card after it has been encoded and printed.

Additional functions can be added to the original encoding, including time tracking or a shop function. You can update existing data sets at any time, for example, in order to issue a new library number or an access code.
CARD MANAGEMENT SYSTEM

Load and manage data in order to personalise cards

Connection to SAP and other external systems

With the interfaces supplied with the system, PSDCard® offers the possibility of establishing a connection that is quick to install and easy to use to all external systems such as, for example, SAP.

Data from SAP can be synchronised once every night, several times per day or even immediately in a variety of ways (e.g. CSV file, database view, WEB service et al.). After the automatic import they are immediately available for further use by all users of PSDCard®.

The PSD data bridge (as background service program) processes data from the various data sources automatically and makes them available for the PSDCard® system and for any number of external systems (e.g. access control, time tracking). The scheduling and formats for the data transfer can be configured as required and can also be re-defined as necessary.
For all platforms and card technologies

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MIFARE® is a registered brand of NXP B.V.
PSDCard® Ultimate XL: Interfaces to all systems

User management
Issuing of individual user rights in accordance with internal authorisation guidelines within the organisation.

Central management
The card management system works on a central application server. All actions are coordinated centrally and executed on this server.

In this way, clients are supplied with the data required, data imports and exports to external systems are carried out and the data exchange between the external person databases and the PSDCard® database are organised.

PSDCard® database
All production data sets, as well as card layouts, import and export profiles are held in the PSDCard® database. In this way, the system relocates the entire data maintenance and therefore the responsibility to the application server and the PSDCard® database.
The card production can be transferred from one client to another client (Room-to-Room).

This offers the advantage that data import and picture recording can be carried out at pure service workplaces, while the order to print the cards can then be taken over by a client with a card printer attached.