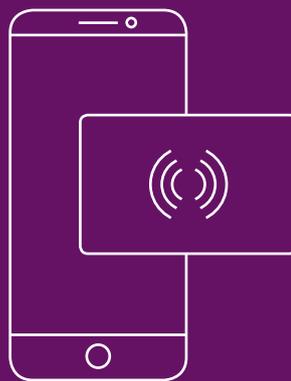


THE ALL-ROUND SYSTEM FOR PAYMENT AND IDENTIFICATION

Cashless payments with your personal chipcard – in the shop, in the canteen, at the printer and the vending machine. Use the same chipcard or app to open doors and lockers or track time. For the entire campus, in all companies and communities.



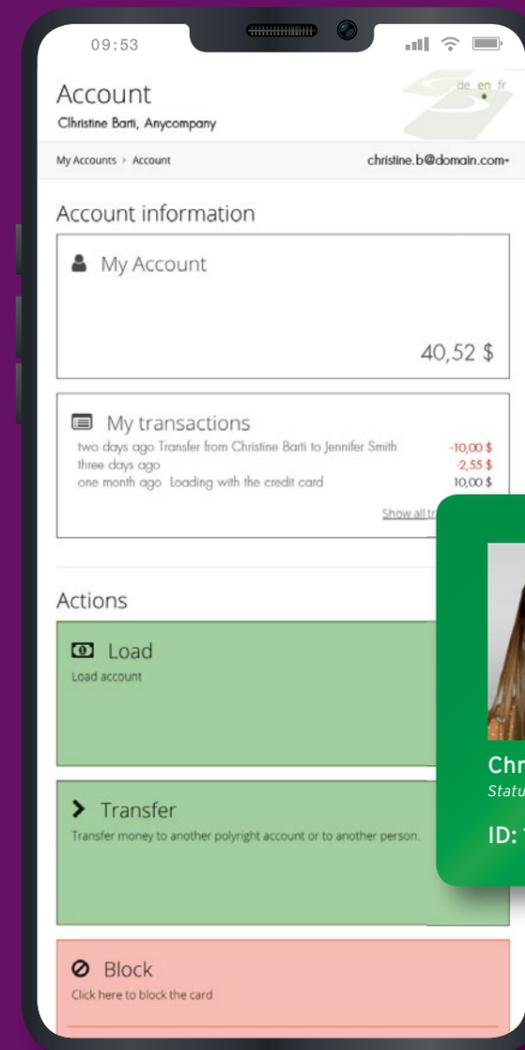
ONE PERSONAL ID FOR EVERYONE

EACH PERSON RECEIVES A SINGLE ID TO SERVE AS IDENTIFICATION WITH THE SAME CHIPCARD OR APP EVERYWHERE WITHIN THE SYSTEM

The ID management system provides professional web-based software with which you can register new users within the system and enter and manage their personal data.

Every ID therefore every user is allocated a personal chipcard, an app with their own account and an optional personal user account.

The chipcard enables users to pay for and get access to all terminals, devices and services in the system, users can also access their account via the App, enabling them to monitor their transactions, top up their user account and transfer money to other users.



ONE ID FOR ALL APPLICATIONS

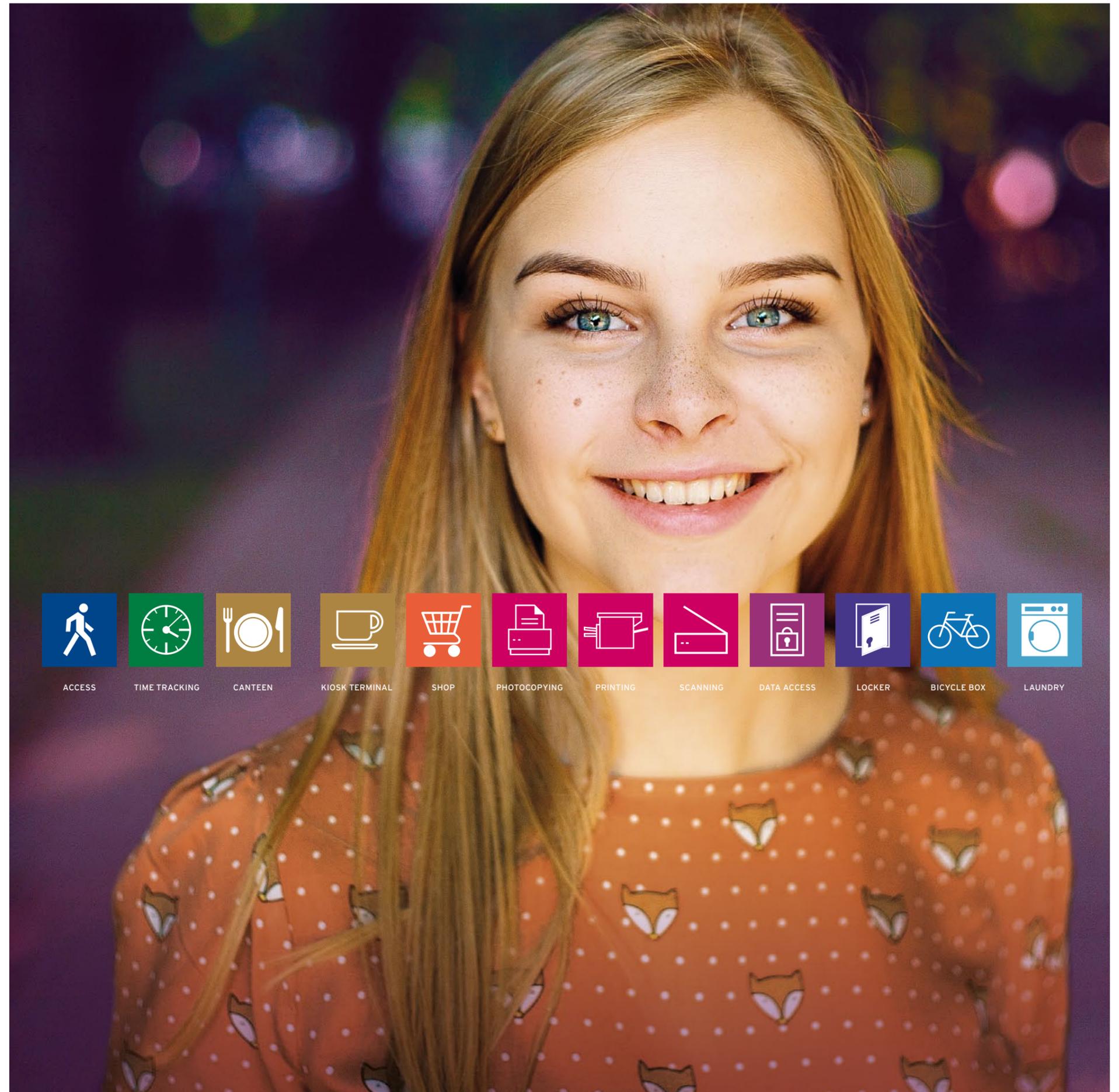
THE SAME ID LETS YOU PAY FOR FOOD & VENDING, COPY/PRINT, UNLOCK DOORS AND RENT LOCKERS

Users can identify themselves with the same ID and chipcard and make cashless payments in the shop, the canteen or the refectory, at the printer, the laundry machines or locker and at every other payment point.

Payment amounts are either debited without charge from your personal user account or allocated to the pre-defined cost centre via your personal ID.

The same ID or chipcard provides users with individual rights to unlock doors or access data. They can use lockers, track times or rent rooms and cycle boxes.

Partial systems by other manufacturers can also be integrated into the new central identification system.



ONE SYSTEM FOR ALL

MORE SECURITY AND CONTROL, THROUGHOUT
THE CAMPUS AND FOR EVERY COMMUNITY

Payment and identification systems make life easier, faster and more efficient – everywhere that large numbers of people regularly use a shared infrastructure.

Students and teachers, employees and visitors can move freely and use all facilities at all locations. They become members of an active community with individual rights for each and everyone.

The advantages are obvious:

- Only one data administration for each user
- No need to bother with cash
- No transaction fees when paying
- Central rights for access and consumable products, easy to block
- Central overview of all procedures and transactions



A UNIQUE CHIPCARD FOR EACH USER ID

WHEN THE USER ID IS SET UP, IT IS LINKED
TO A UNIQUE CHIPCARD AND THE USER CAN
THEN DOWNLOAD OUR APP TO MONITOR
THEIR ACCOUNT

As soon as the new user is registered in the ID management system, their personal chipcard can be generated in a single process. The card printer prints the name, the photo and further personal information on the card and simultaneously encodes the personal ID on the chip on the card.

Established card technologies can be used and existing cards can be incorporated.

As soon as the chipcard is encoded it can be used everywhere within the system: the credit balance can be accessed and doors can be unlocked immediately.

Every user can be called up and managed within a user interface at any time via the central ID management: the card can be blocked and re-issued, accounts viewed, user data changed and rights assigned or withdrawn.



ONE UNIQUE ID FOR ACCESS TO FUNDS

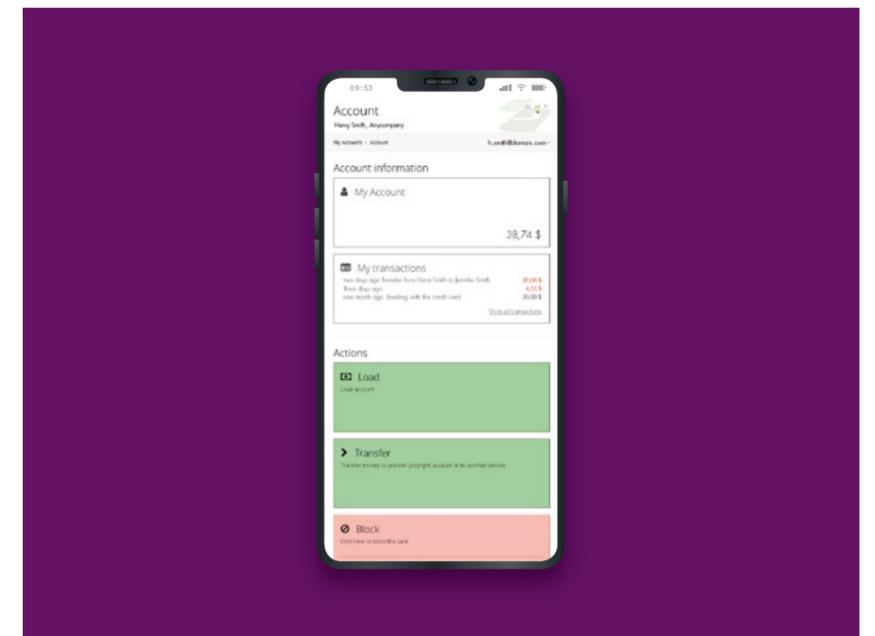
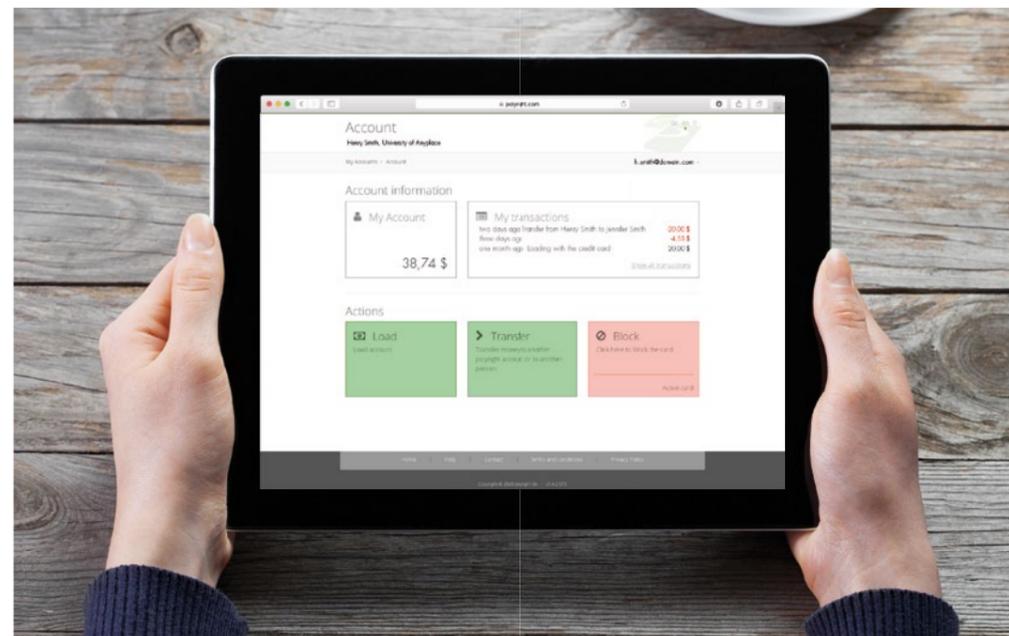
MAINTAIN AN ACCOUNT FOR EACH USER ID, TOP IT UP AND MAKE PAYMENTS, VIEW TRANSACTIONS ONLINE AND MAKE MONEY TRANSFERS

Whenever a user pays with their personal card, the amount will be debited directly from their credit balance. Top-up procedures at the pay station will be credited to the user account.

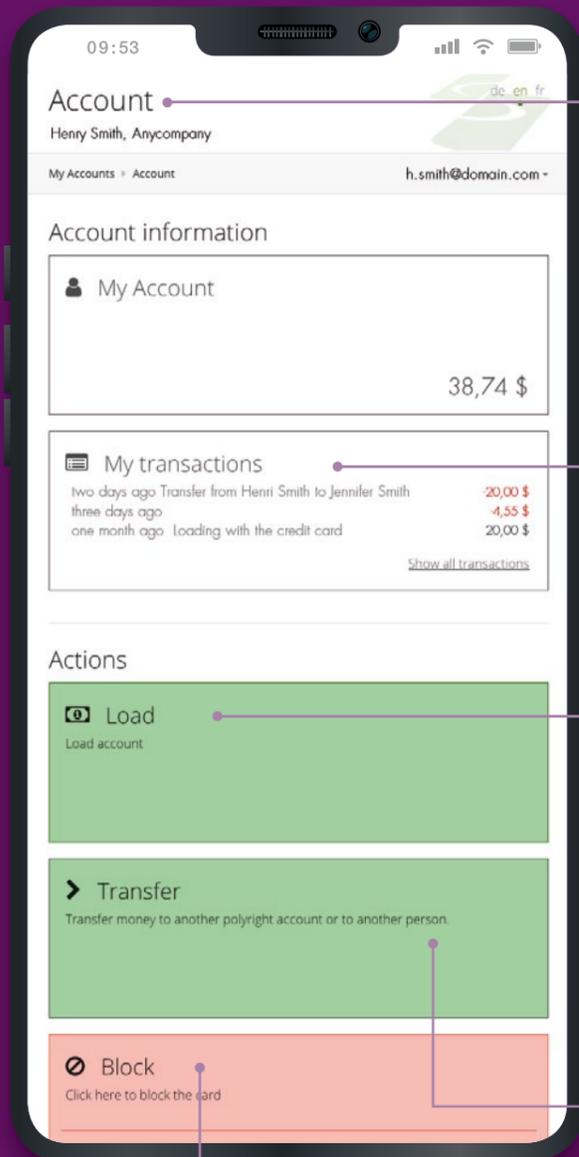
In addition, whoever wishes to manage their user account via web browser or app and top up the account via direct debit or credit card, can also first log in on the user portal and then set up a personal account.

The next step is for the account on the user portal to be linked up with the personal user account in the chipcard system. Clearance takes place via the personal e-mail address of the account owner which has been registered in the system.

Now the owner of the account can view all transactions on the user portal, top up the credit and transfer money to other users within the same payment system. In this way parents can even access several accounts belonging to their children.



PERSONAL ACCOUNT ONLINE



Account information form:

First name: Henry
 Last name: Smith
 Address: Anyroad 678
 City: 1234 Chicago
 Country: United States
 Gender: Gender
 Birthdate: 01.01.1980

ACCOUNT INFORMATION

Users can manage their user account themselves and view or change their personal data at any time. The account balance is always shown.

Transactions table:

Date	Element	Description	Amount	Balance
23.2018 10:22:30	goodline	Transfer von Chris Bart zu Henry Salazar	100,00 CHF	40,00 CHF
24.2018 10:07:19	FreeCard Payment K2		100,00 CHF	30,00 CHF
24.2018 11:05:36	goodline	Mit Kreditkarte zahlen	15,00 CHF	15,00 CHF
24.2018 11:04:18	FreeCard Payment K1		15,00 CHF	0,00 CHF
24.2018 10:05:23	goodline	Mit Kreditkarte zahlen	10,00 CHF	10,00 CHF
24.2018 10:05:04	FreeCard Payment K2		10,00 CHF	0,00 CHF
1.2.2018 11:30:44	Chris Bart Invoiced	Test	1,00 CHF	1,00 CHF
1.2.2018 10:22:21	goodline	Transfer von Chris Bart zu Henry Salazar	100,00 CHF	34,00 CHF

VIEW TRANSACTIONS

All account movements such as purchases, money transfers or topping up of the account are listed and the current balance is adjusted accordingly.

Aufladen form:

Bitte wählen Sie die Zahlungsart:

- Kreditkarte (Konto mit einer neuen Kreditkarte aufladen)
- E-banking (Konto mittels E-banking aufladen)

TOPPING UP THE CREDIT BALANCE

The account balance can be topped up by direct debit from a bank account, by using a credit card or via PayPal. At the pay station you can also top up the account balance with coins and banknotes.

Transfer form:

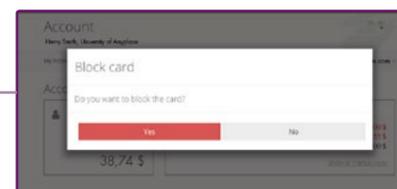
Amount: 10 \$ / 20 \$

Recipient email address: Recipient email

Transaction description: Transfer from Henry Smith to Jennifer Smith

TRANSFERRING MONEY

Money can be transferred from a user account to any other user account within the same payment network.



BLOCKING A CARD

In an emergency the user can block their own chipcard.

TOPPING UP THE USER ACCOUNT AND MAKING PAYMENTS

TOPPING UP THE USER ACCOUNT

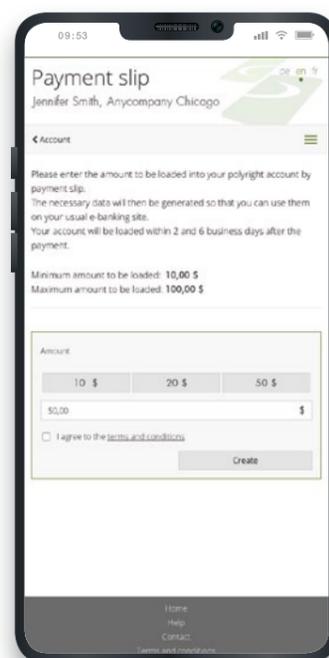
The user account can be topped up at the pay station with cash, a debit or a credit card, or online by direct debit, credit card or PayPal

PAY STATION

You can top up the credit balance at the pay station with banknotes, coins, a debit or credit card. The user identifies himself or herself at the pay station with the chipcard and the amount paid in will then be credited to the user account immediately. If necessary, the credit balance can also be paid out at the pay station.

TOPPING UP ONLINE

If you have registered an online account via the user portal or via app, you can also top up your user account using your smartphone. The amount to be credited is entered and will be credited to the user account. It will then be automatically debited from the registered bank account, the credit card or PayPal.



PAYMENT USING THE USER ACCOUNT

Use the chipcard to identify yourself at all payment outlets and then pay everywhere from the same user account

CENTRAL CREDIT BALANCE

Your users can pay everywhere within the system with the same chipcard from the same user account. Regardless of whether they want to pay at the checkout, at the kiosk, in the canteen, by the printer and photocopier or for a locker: the payment amount will always be debited from the same user account.

Thanks to their own central user account, both operators and users within the system remain independent of external payment service providers and banks.

PAYMENT WITHOUT CHARGES

Not only can the credit amount be paid in with cash; it can also be used entirely free of charges. Transactions remain free of charge and cannot be analysed by third parties. User profiles are not recorded and although all procedures are transparent and visible for each user.

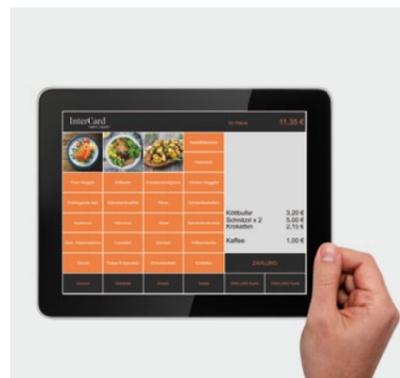
SETTLE UP LATER

Not only can you pay with your credit balance. Individually adjustable credit for payment can also be granted. Equally, payment amounts can be set against amounts at cost centres. The chipcards can be assigned to several cost centres, and several chipcards can also be assigned to a single cost centre.



CHECKOUT

Pay with your chipcard using your personal balance at all checkouts within the system



PAYMENT IN THE SHOP

Your new payment system makes payment procedures at all checkouts fast and uncomplicated. Whether in the shop, at the kiosk or in the cafeteria: the articles are registered in the checkout and you can pay from your credit balance simply by touching your chipcard on the card reader smart.DESK.

Payment procedures can be completed considerably faster with the chipcard than with cash. The user will not be subject to any transaction charges.

CHECKOUTS

Various checkout systems can be incorporated into the identification and payment system. Depending on the checkout software selected, tablets can also be used as checkouts in addition to Windows PCs.

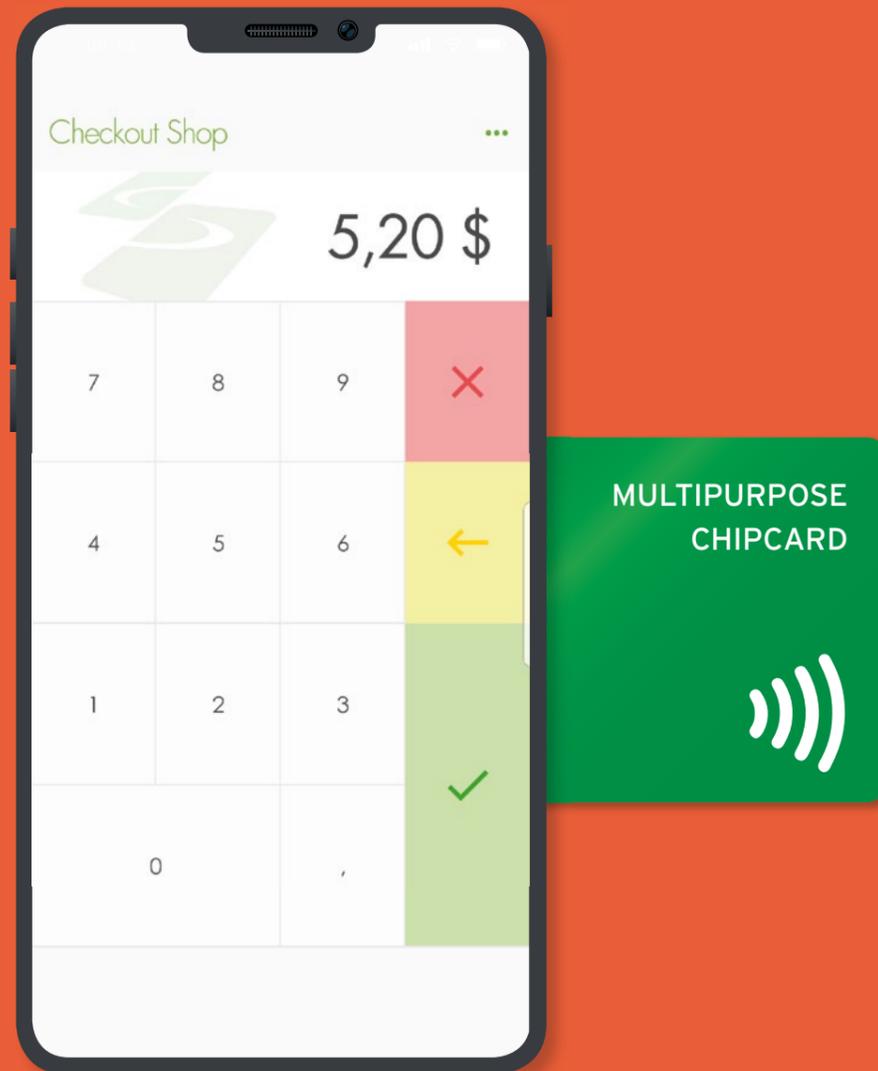
Various administration and background systems are available for use for checkout management.



Pay for everything with a single card



APP PAYMENT TERMINAL



Use your smartphone as a mobile payment terminal for payment with your chipcard - also off the campus

PAYMENT

As an alternative to the complete checkout system with chipcard reader, each shop can also use a smartphone as a payment terminal. The application can be easily installed as an app on any Android smartphone with NFC interface.

When payment is made the shop operator enters the payment amount into the app and holds the customer's chipcard up to the smartphone. The amount is then debited directly from the user account.

TOP UP, PAY OUT

With an app payment terminal the shop operator can also top up the account balance or pay out part amounts, thereby replacing the payment terminal.

In this case the operator enters the amount to be credited into the smartphone, holds the chipcard to the smartphone and takes the money in cash. Credit amounts can also be paid out in the same way. And payment amounts can also be booked to cost centres.

CHECKOUT SOLUTION

The payment amount can be transferred from a checkout to the app payment terminal. Finally the app then confirms to the checkout that the payment has been successfully made.

The ideal solution for your financial management

CANTEEN

Cashless payment for food and drinks in the canteen, the refectory or the cafeteria



CHECKOUT PAYMENT

Individually selected products are entered into the checkout by the staff, read in using a barcode scanner or recorded by the integrated scales. The attached chipcard reader debits the payment amount directly from the account balance or transmits the amount to the settlement account.

PAYING A FIXED PRICE

If the menu is sold only at a fixed price, the payment procedure at the touch.ON terminal can be simplified still further: the guest holds the chipcard onto the terminal and the pre-determined price will be debited or taken into account in the salary calculation.

Once the menu has been paid for, the terminal sends a signal to the traffic light or the turnstile and the route through to the serving counter will open up.



KIOSK TERMINAL

Paying with the chipcard at the kiosk terminal, the drinks vending machine and the coffee machine



THE MODULE FOR VENDING MACHINES

With the vend.IN payment module all vending machines for drinks, snacks or accessories can be adapted for cashless payments. In this case the module simply replaces or is installed alongside the coin slot on the vending machine.

Users hold their chipcard against the payment module, select the product they require on the vending machine and pay for it from their account balance.

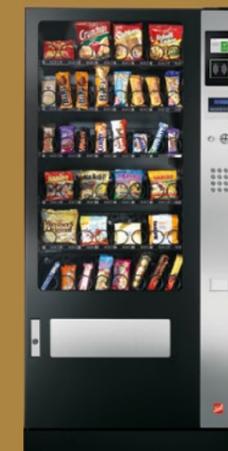
CREDITING DEPOSITS*

The vend.IN payment module not only permits you to debit amounts; money can also be credited. For example, the payment module in a reverse vending machine also permits the deposit amount to be paid back into the user's account.

**Not all countries*



The payment module for kiosk terminals



PRINTERS AND PHOTOCOPIERS

Pay for and manage printing, copying and scans with the chipcard and via app



Users of your system can use printers, photocopiers and scanners throughout the entire campus and everywhere on your premises with their chipcard. The chipcard is used to pay for printouts, copies and scans or to allocate them to cost centres. Similarly, by identifying the user at the terminal, print jobs from the Cloud can be started and scans filed away in a personal folder.

Every multifunction printer on the premises is connected to the payment and print management system via the terminal touch.ON or via an embedded terminal. The system users identify themselves at the terminal using their chipcard and can then manage their printouts and scans on the touchscreen and debit the charges to their credit balance or the cost centre.



Start print jobs, pay for copies - all at the same terminal



PRINT MANAGEMENT



CALL UP PRINT JOBS AT EVERY PRINTER

As soon as you have recorded a print job in the system, you can call it up with your chipcard or your code and print if required at every printer immediately or later, regardless of location. In this way you can be certain that only you will be able to print and take possession of the document.

ALLOCATE AND MANAGE COSTS

You can use the ID to allocate charges for printing and copying to the correct user – departments, projects or staff members. You can draw up clearly arranged reports in less than no time. By allocating contingents you can also limit your printing costs.

SECURE PRINTING WITH AUTHENTICATION

Our print management solutions permit an uncomplicated authentication at the terminal using the chipcard. In this way you can guarantee that confidential documents, such as contracts or development plans, do not land in the wrong hands.



MOBILE PRINTING FROM ANYWHERE

By means of the print management your users and guests can print from their smartphone or tablet on all the appliances in the system. The documents can be sent as e-mail or be uploaded into a personal folder via app or web browser.

SCANNING



SAVING AND ALLOCATING SCANS

By linking the print management solution to directory services and exchange servers you will have access to your personal scan destinations (contacts, e-mail, home folder) and can therefore send your scans directly from the multifunction appliance to the desired address.

LAUNDRY

Pay for the washing machine and dryer from your account balance and find vacant machines online



START AND PAY AT THE TERMINAL

You can use the chipcard at the terminal to choose and pay for washing machines and dryers without using cash. To do so it is only necessary to connect the smart.BASE laundry controller to the appliances in the laundry. With the payment from the account balance there is no requirement to handle cash or deal with issuing tokens, everything is monitored and reported online.

The washing machine terminal shows at a glance which machines are currently free and what the maximum running time will be for the machines that are in use. It is possible to end the machine cycle prematurely and refund the unused amount.

WEB PORTAL

Students can check whether the washing machines and dryers are in use via a web portal and their smartphone, tablet or PC. The web portal accesses the information in the terminal in the laundry.



Select and pay for your laundry machine using your chipcard

UNLOCKING WITH CHIPCARD AND APP

ACCESS

Integrate the access control into the ID management and unlock doors and cupboards with the chipcard or the app



With the system for access control you can grant your users access to buildings, parking spaces or your company premises. Within the building itself you can control the access to individual rooms, lifts or entire areas. The access rights can be allocated to each user individually. You can manage which users may enter at which access point Via the control centre.



ONLINE LOCK

Online terminals on doors and cupboards are linked into the system via cable. This means that you can grant your users right of access or withdraw these rights within a short space of time.



OFFLINE LOCK

If individual doors are not wired up but equipped with offline terminals, the rights of access are re-recorded every day on users' chipcards. Alternatively the offline locks can be linked in via radio or wireless.





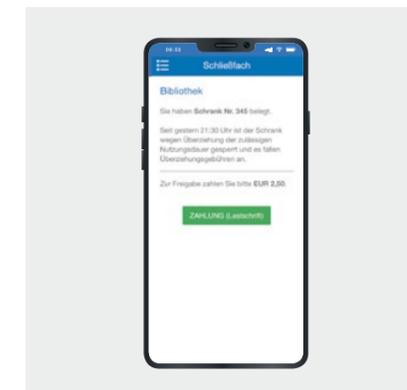
LOCKERS

Open, close and pay for lockers using your personal ID



Lockers and locks on cupboards can also be integrated into the system. They can then be opened or closed easily with the chipcard or the app – either at the terminal or directly at the lock. The chipcard can also used to pay for lockers at the terminal.

It is no longer necessary to issue and return keys. Access rights to cupboards can be allocated individually.



INFORMATION

Users can check on available cupboards or the current uses of cupboards via app.

Alternatively, each user can check at the touch.ON terminal whether a cupboard is currently in use. Cupboards can be reserved, opened and reservations cancelled again at the terminal.



LOCKING VARIANTS

Locks and lockers which are wired up can be managed and controlled conveniently at all times and you can open or block them as required. If you do not want to wire up your cupboard locks you can decide on the battery-operated offline version.

BICYCLE BOX

Open and pay for the bicycle box with the chipcard or app



THE SAFE PLACE FOR BICYCLES

Bicycle boxes can be located throughout the entire campus or in front of company premises and can then be integrated into the existing payment system via app or chipcard.

You will become the operator of your own bicycle boxes at your location. The system will take over the reservation, administration and accounting for charges for use on your behalf.

The bicycle boxes are available in numerous versions, either for individual bicycles or comprehensive solutions for large cycle-parking areas. The modular structure permits you to extend the boxes as required at a later date.

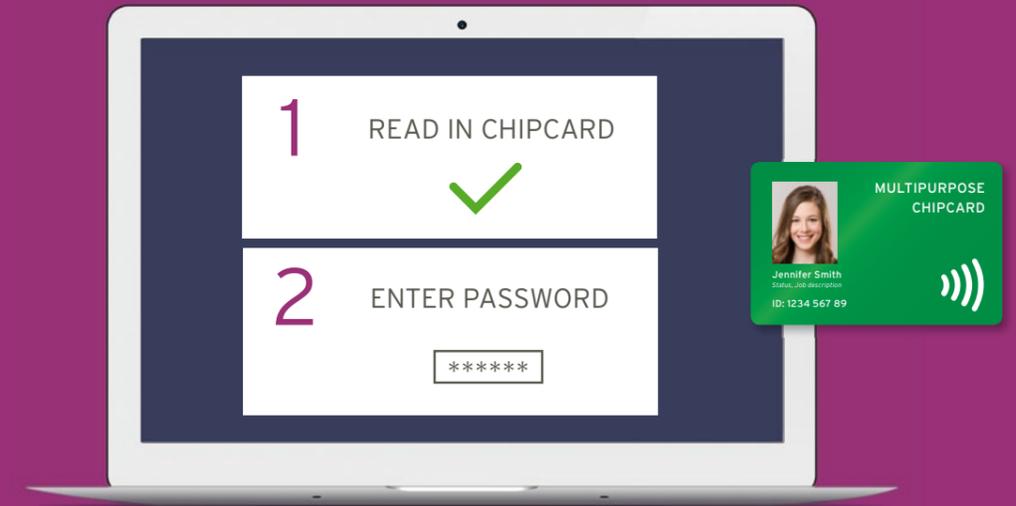


The rental system for bicycle boxes



AUTHENTICATION WITH CHIPCARD

Login securely at your PC and in the network and access data with chipcard and password



LOGIN AT YOUR PC

In order to unlock computers or access networks a simple password will often not provide sufficient protection. You can use the chipcard or app to provide additional security of access to networks and data.

If the user's personal chipcard is also read at the PC in addition to the typing in of the password, this will offer considerable extra security. This means that it will not be possible to access confidential data without the physical possession of the chipcard.

ALL DATA WITH ONE ID

With Single Sign-on a single login on a personal computer will be sufficient to gain access to a wide range of data and servers at the same time, and without entering additional access data. In this way the user will only have to remember a single password.

USE ANY COMPUTER

Whoever has access to clearly defined data and systems at a workplace within an organisation can also use these rights with the same authentication at other workplaces. If you move to another terminal or workplace you can automatically take your access rights for data and systems with you.



TRACKING TIME
WITH CHIPCARD
AND APP

TIME TRACKING

Record work times, submit or grant applications and manage time sheets



Planning and recording times

With the touch.ON terminal, working time and absences can be booked and time sheets and holiday records accessed. The transmission of data between terminal and server is encrypted. If the server is not available, the terminal will continue to work offline.

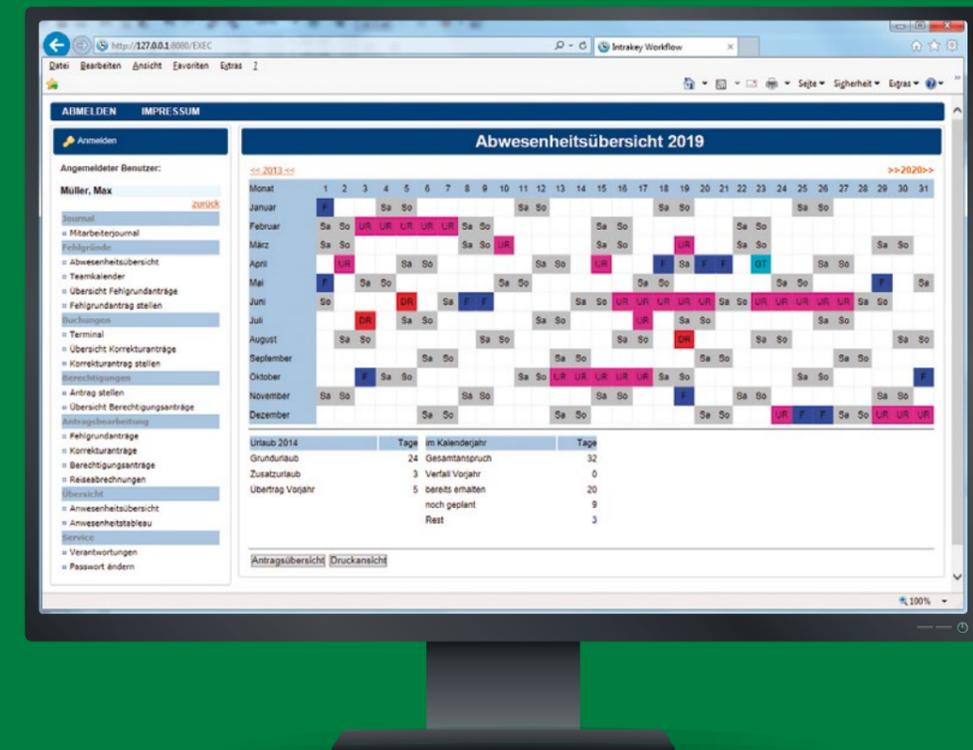
BOOKING TIMES VIA APP

Parallel to or as an alternative to the time-tracking terminal, all functions of the system can also be used via smartphone.

The use of geodata permits the determination of permitted locations or travel times, for example for construction sites, in the field or on business trips.

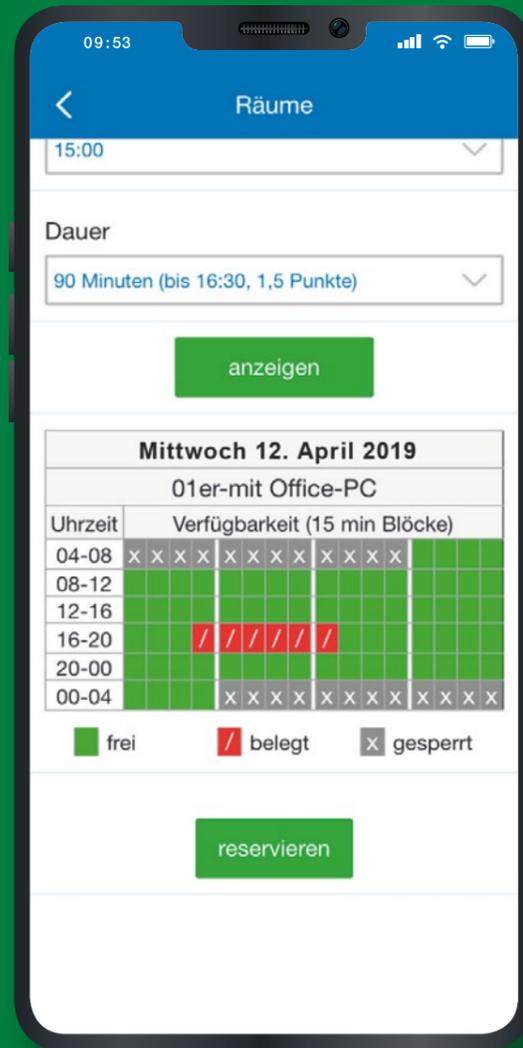
CENTRAL MANAGEMENT

Different time models or work plans can be allocated to individual employees or groups. Individual provisions from collective agreements or company agreements can also be incorporated. Interfaces to established systems for staff administration or for the calculation of wages and salaries are also available.

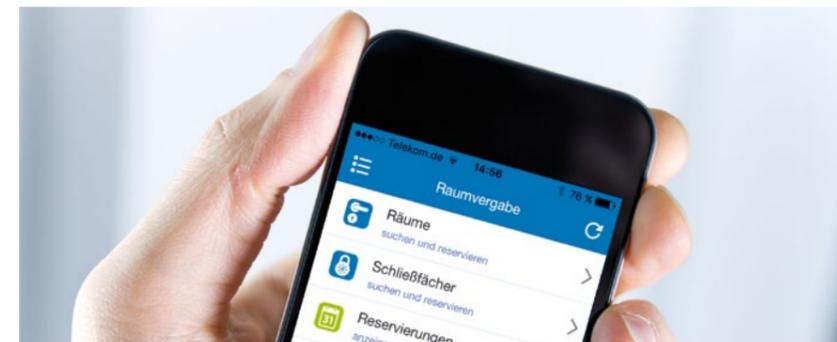


ROOM ALLOCATION

Rent, plan and reserve rooms



Meetings and conferences room planner



RESERVE AND BOOK ROOMS REMOTELY

The room allocation function within the system permits a flexible and intuitive administration of your room resources. Your users can conveniently reserve practice, seminar and conference rooms via app while on the road or in the web browser. They can check immediately online whether a room is available at short notice.

Current or lapsed reservations and the status of the user account can be checked via app at a glance. If lockers are also required in addition to the room, you can make use of the integrated online locker reservation.

CHECK-IN

When checking in with the chipcard at the room allocation terminal the room category and the room allocated by the system will be shown. Your users can check in on the touchscreen and the access rights for doors and lockers will be registered on the chipcard or stored centrally within the system.

TOPPING UP YOUR
CREDIT BALANCE AT
THE PAYMENT TERMINAL

TOP-UP TERMINALS

Top up your credit balance at the terminal with cash, debit or credit card and issue guest cards

DIFFERENT VERSIONS OF TOP-UP TERMINALS

For your identification and payment system there is a terminal available to suit every application.

In order to top up the credit balance the users must simply identify themselves at the terminal with their chipcard. They can top up the credit balance either with cash using coins or banknotes, or with their girocard or credit card.

Not only can the credit balance be topped up at the terminal; depending on the version in use, the amount can also be paid out in coins or banknotes.

Optionally, it is also possible to use the terminal to return non-personalised chipcards.

FEATURES

All terminals can be adapted with features to suit the functions you need and your requirements. Updates or additional functions can easily be integrated via the web-based interface.

The load.UP terminal informs the administrator via e-mail about its operating state, for example it shows if there is a fault and the current level of coins and banknotes.



Topping up the credit balance

load.UP



TOUCHSCREEN

Various self-service functions and procedures can be carried out via the touchscreen with intuitive user control.

CHIPCARD READER

Login and identification at terminals can be carried out by holding your chipcard on the card reader.

COINS & BANKNOTES

When topping up a credit balance with cash, the load.UP can examine and accept up to 300 banknotes and approx. 1,400 coins. The coin and banknote slots can be configured as required.

RECEIPT ISSUE

The optional receipt printer can be configured to issue a receipt for all transactions.

COIN DISPENSER

With the optional extension module for the dispensing of coins the credit balance can be paid out in whole or in part.

GUEST CARD ISSUE

The optional extension module permits the issuing of new chipcards. These chipcards are issued without a credit balance. The operator can charge a deposit on the card.

BANK- AND CREDIT CARD TERMINAL

A VPOS bank card terminal can be added to process fund transfers



As the next step, the guest can charge the chipcard with coins or banknotes or from their bank account. Any remaining credit amount is paid out via the coin dispenser.

vario.UP



BANKNOTE AND COIN ACCEPTOR

Top up your credit balance or pay for charges and products using coins and banknotes. Change is paid out in banknotes.

TOUCHSCREEN

Various self-service functions and procedures can be carried out via the touchscreen with intuitive user control.

TERMINAL FOR DEBIT OR CREDIT CARD

Top up the credit balance or pay for charges and products at the contactless or contact-controlled credit card reader.

BARCODE READER

Use the barcode card for identification and then pay library charges.

CHIPCARD READER AND CARD ISSUE

Enter the chipcard to top up, pay or identify yourself. Guest cards can also be issued and returned.

ISSUE OF RECEIPTS AND CHANGE

Issue a receipt after transactions or for the shop function. Pay out change in coins.

The vario.UP terminal leaves nothing to be desired with regard to its large housing. Functions such as topping up the credit balance, paying out cash, paying for products or charges or issuing and returning guest cards are all combined within a single automatic unit.

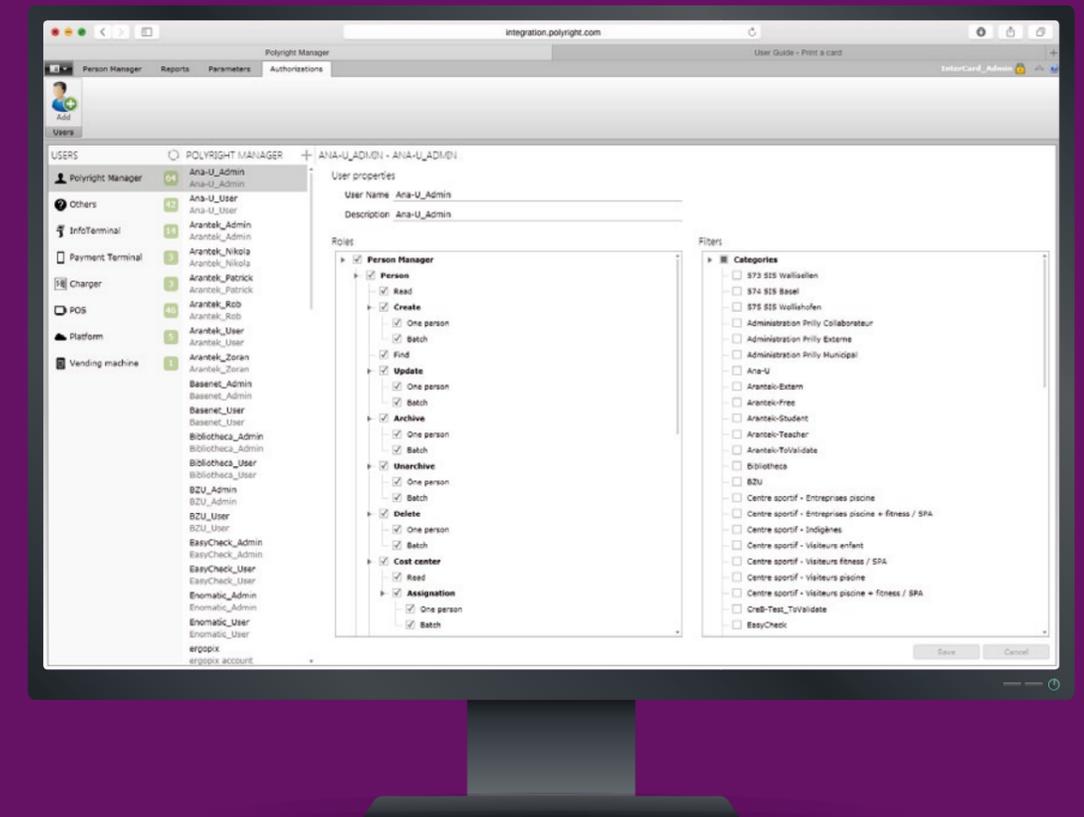
Thus the chipcard credit balance can be topped up with coins or banknotes, with a credit card at the same automatic unit.

Similarly, the vario.UP can also issue or take back guest cards and pay out the credit balance on the card in banknotes and coins. A remaining credit balance or card deposit can also be transferred back to the bank account.

By using the shop function products can be purchased and receipts printed out via the receipt printer.

THE MANAGER FOR THE ENTIRE SYSTEM

Manage and analyse all components of the system centrally



ADMINISTRATION

As the administrator for your system you have control and an overview of your entire system from your workplace with just one single web-based software.

Use the open interfaces in the software to incorporate your existing system components or decide in favour of our complete system from InterCard, your trusted supplier.

USERS

New users can be quickly and easily integrated using the software. User data need only be controlled centrally and updated once. The credit balance and all transactions within the entire system can easily be seen. User rights can be assigned and withdrawn individually. The blocking of accounts will be activated immediately.

PAYMENT OUTLETS

Evaluations can be drawn up for each payment outlet and each terminal. User frequency and turnover can be analysed at all checkouts, kiosk terminals and payment, printing or copying terminals. Centrally and at a glance.

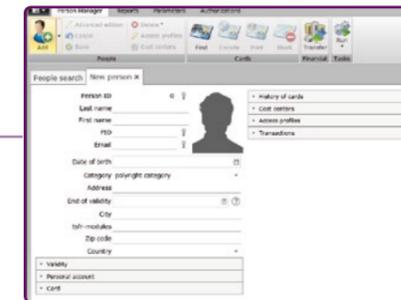
It is possible to monitor at any time which products and services are consumed in which volumes.

Manage the entire system from a single location

ID MANAGEMENT

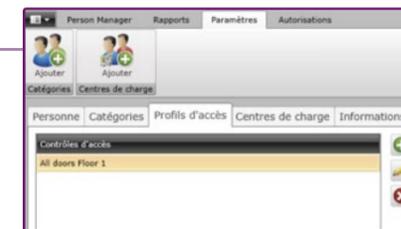
SET UP AND MANAGE A USER AND USER ACCOUNT

A new user account can be set up with a few clicks. A personal user account is established for each user automatically for payments within the system.



ALLOCATE AND WITHDRAW RIGHTS

Individual rights can be assigned or withdrawn with regard to the unlocking of doors and cupboards or the use of equipment or rooms.



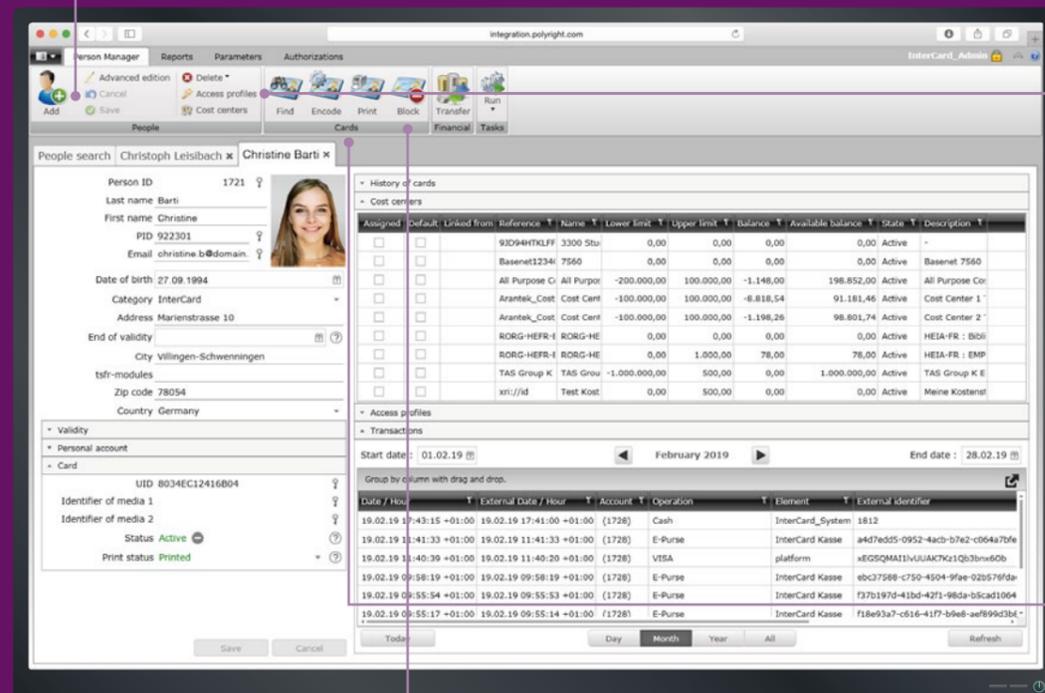
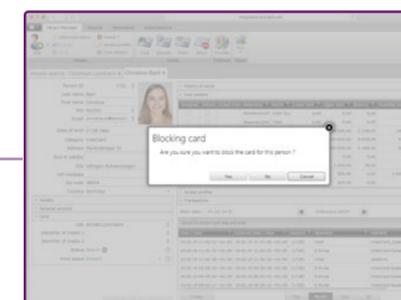
GENERATE A CHIPCARD

Once the user has been registered, it is a simple matter to issue a personal chipcard. The necessary information, such as photo and name, can be accessed from the ID management system and the chipcard is printed and simultaneously encoded with the ID data. The chipcard is available for use immediately.



BLOCKING CARDS & ACCOUNTS

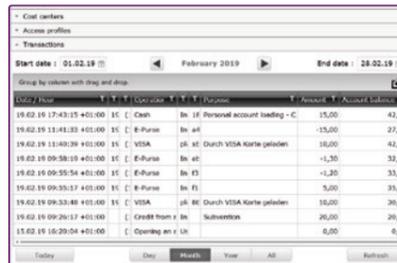
If a chipcard is lost or inexplicable movements appear on the user account, the administrator can block individual cards or the entire account. A new card can be generated and issued at any time.



USER OVERVIEW

VIEW AND EXAMINE TRANSACTIONS

All transactions via user accounts, cost centres or appliances linked into the system can be viewed and filtered according to various parameters.



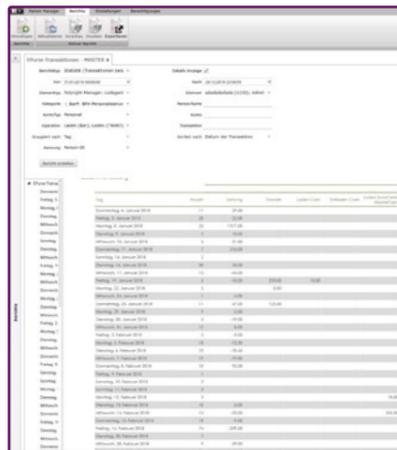
TRANSFER FUNDS

Money can be transferred or repaid to individual users within the system. Users can also be allocated to cost centres and issued with a budget with regard to funds available and time available.



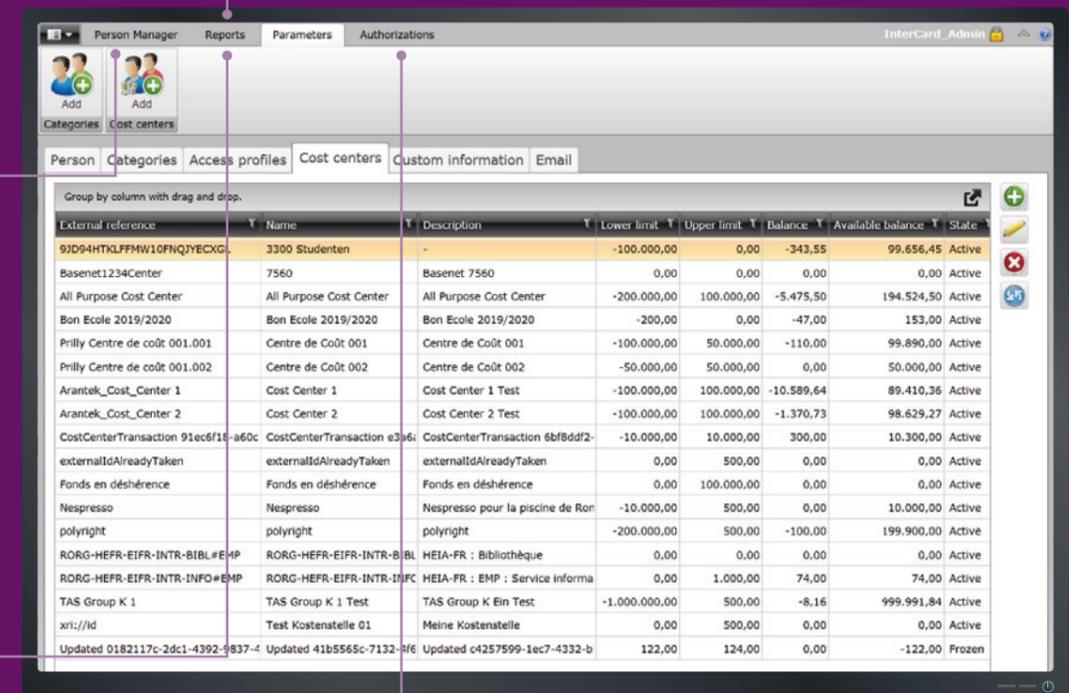
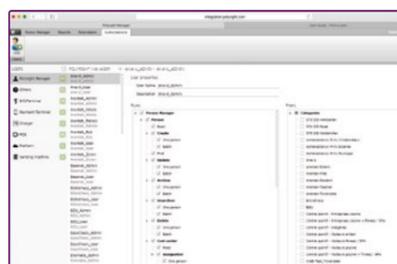
REPORTS, OVERVIEW, ANALYSES

All activities within the system are transparent for administrators and can be analysed by them: user data, chipcards, payment transactions, cost centres, terminals and products. Various parameters and output formats are available for the filters and the resulting reports. The data can be exported and transferred into other systems.



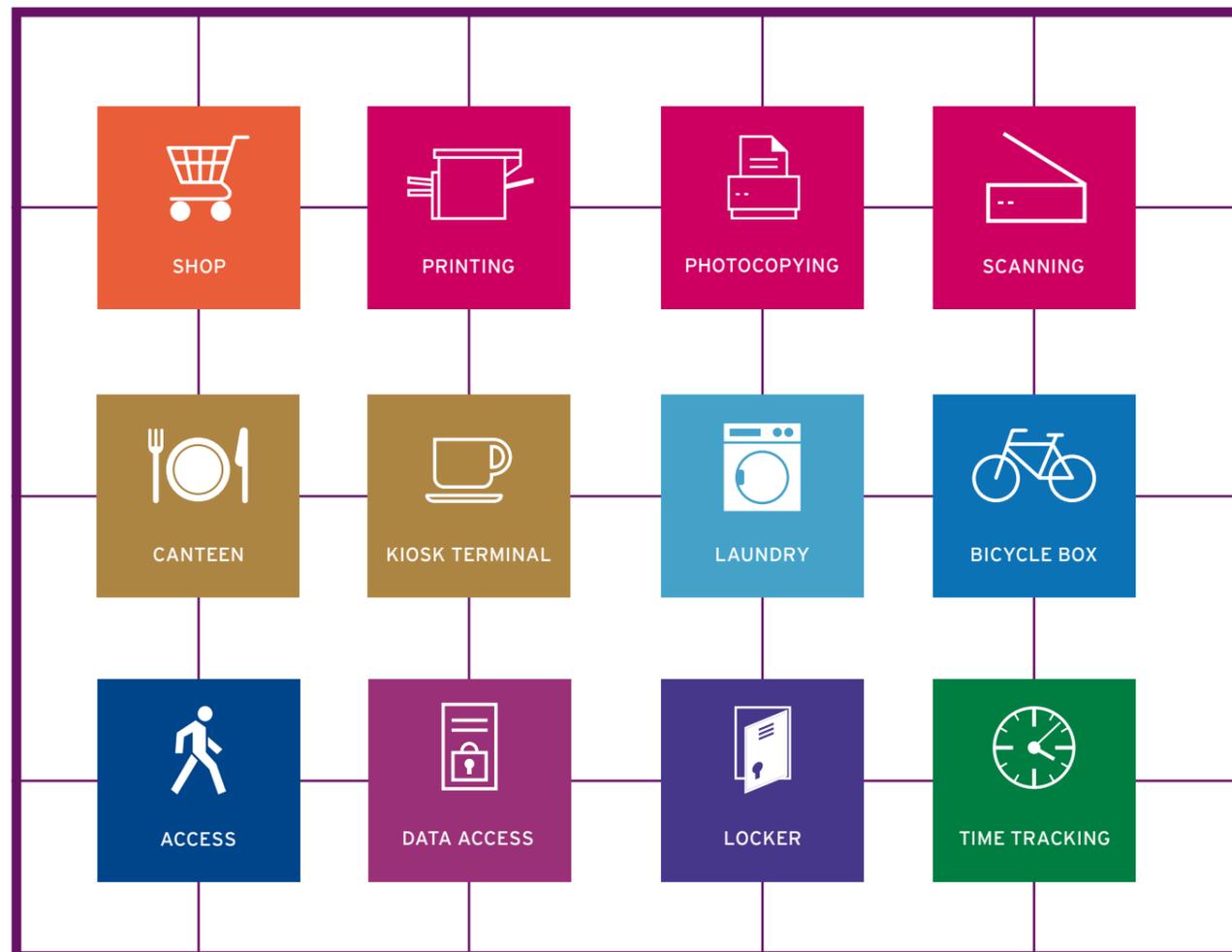
ALLOCATING RIGHTS

Rights can be assigned to individual users or groups for access to cupboards and rooms as well as the use of equipment, software or data. The rights can be for a limited period of time and they can also be withdrawn.



OPEN INTERFACES

If you already have a system or modules such as access control, print management or POS then our open interfaces will be used to provide a new seamless central identification system



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