

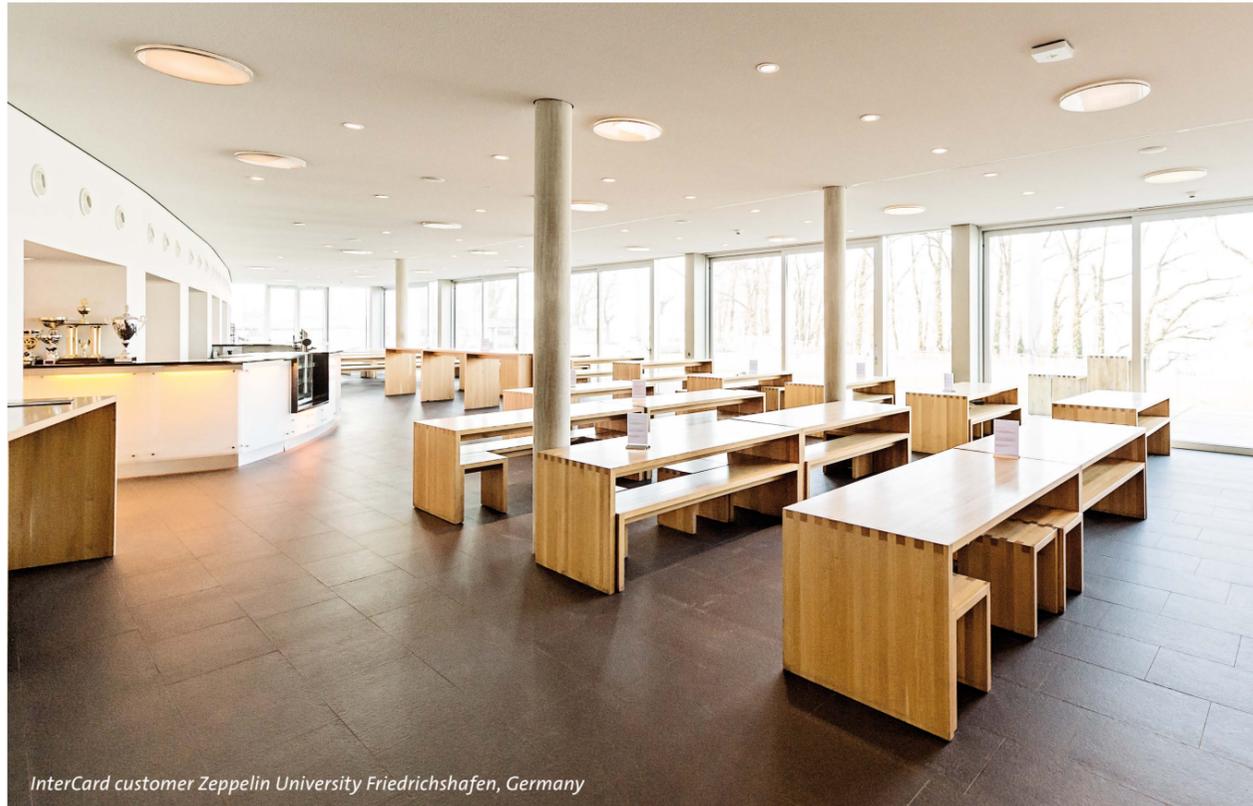
MANY FEATURES. ONE SYSTEM. ONE CARD.

CANTEEN, REFECTORY AND VENDING SYSTEM

Pay with the chipcard in the canteen, refectory, at the kiosk
or at the food and drinks vending machine



CANTEEN, REFECTORY AND VENDING SYSTEM



InterCard customer Zeppelin University Friedrichshafen, Germany

Pay for food and drink with the chipcard

The payment system for community catering

Regardless of whether your guests eat and drink in the canteen or refectory or simply want to purchase a coffee to go and a magazine at the kiosk in passing: they can make cashless payments using the credit on their chipcard.

InterCard will supply you with the entire payment system: The products selected by your guest are entered into the checkout by your staff, read with the barcode scanner or registered using the integrated scales.

The attached smart.DESK chipcard reader books the payment due directly from the credit on the chipcard.

Fixed price

If the counter products are sold only at a fixed price, the payment process with the chipcard can be made easier still: The guest holds his or her chipcard in front of the smart.FIX terminal and the predetermined amount is deducted. The signal changes to green or the turnstile is released and the guest can remove the goods.

At the vending system

Snacks, cold drinks or coffee can be paid for at the vending machine using the chipcard. Here we replace the cash payment slot on your existing vending machine with the smart.VEND chipcard module. smart.VEND deducts the payment due directly from the chipcard.



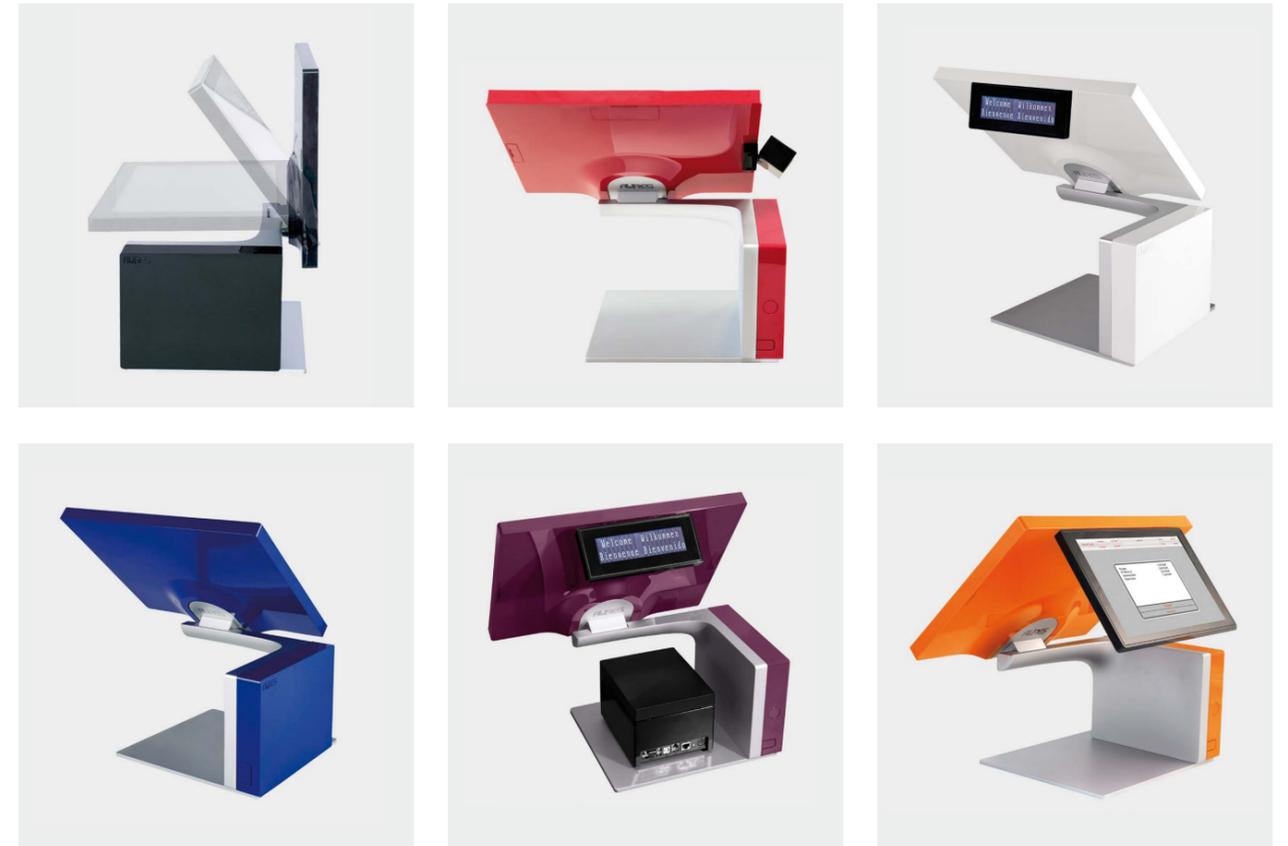
The checkout Yuno with smart.DESK chipcard reader, scales and cash drawer

CANTEEN AND REFECTORY

Checkout Sango



Checkout Sango



The innovative and design-oriented checkout with touchscreen

The checkout "Sango" combines innovative technology with excellent design.

"Sango" appears to hover because it is not fixed to a base unit, plinth or support. This allows for valuable space under the screen for a cash drawer or a receipt printer.

The stable and robust metal base unit conducts heat so that one version of the cash desk can even dispense with a ventilator. Moreover the energy consumption is low thanks to the built-in flash memory SSD (optional), which is also quieter than a normal hard drive as well as being less sensitive to shocks.

The pivotable LED monitor with frameless display is available either in a resistive or a capacitive multi-touchscreen version.

Four different processor types and several communications ports are available.

Optionally you can also fit the checkout with a 1D barcode scanner or a receipt printer.

The polycarbonate checkout frames can be selected in seven different colours and can easily be exchanged.

Upon request the checkout can also be fitted with various customer displays. There is a choice of a simple two-line display with pixel control or a graphics display with very high picture quality.

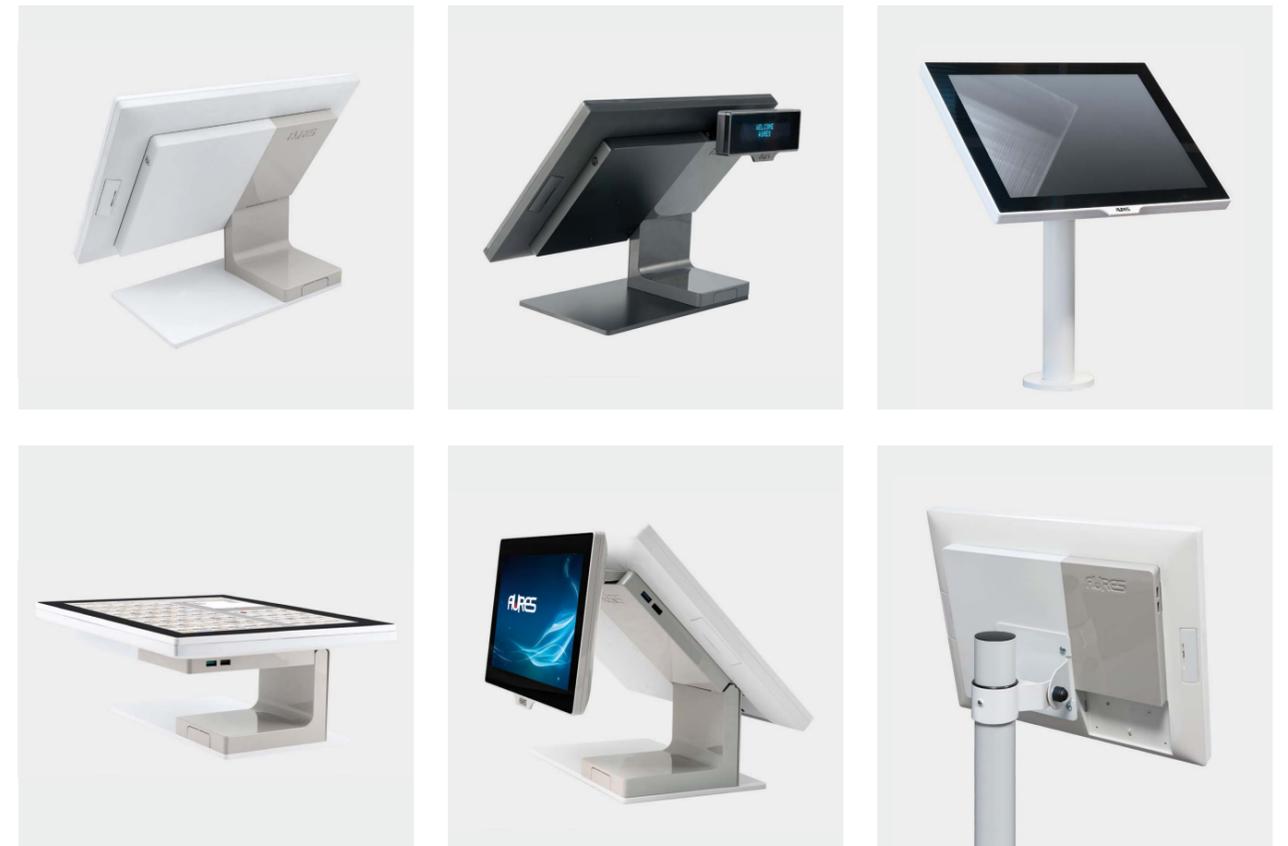


CANTEEN AND REFECTORY

Checkout Yuno



Checkout Yuno



The compact checkout with touchscreen

The checkout “Yuno” offers modern technology, ergonomic design, innovative functions and successful design with a good cost-benefit ratio.

The energy-saving processor in a ventilator-free housing uses very little energy and the aluminium housing works like a cooling element.

The appliance is fitted with a SATA HDD hard drive as standard (optional flash memory SSD).

The touchscreen is resistant to shocks and scratches. The entire checkout is resistant to fats, crumbs, dust and splashes.

The display is available in two formats: with a 15.1-inch screen in 4:3 format and with a 15.6-inch screen in widescreen 16:9 format. The projected-capacitive screen operates with gesture-enhanced single touch awareness.

The checkout display can be adjusted smoothly with an angle of inclination between 0° and 90°.

All connections are unobtrusively hidden away within the base. A MiniDP output is available for a second screen.

With its optional rear monitor, Yuno permits customers to play high-resolution dynamic content.

The checkout can be mounted either directly to the wall or onto a stand using VESA attachments.

CANTEEN AND REFECTORY

Checkout AerPPC



Checkout AerPPC



AerPPC with smale customer display



AerPPC with big customer display

The inexpensive checkout with touchscreen

The “AerPPC” checkout convinces with compact, space-saving design, a wide range of operating features and low cost.

The display is resistant to dirt and contamination and thus supports the smooth operation and long life of the checkout.

The appliance is fitted with a quiet flash memory SSD as standard.

“AerPPC” has a modular design and permits maintenance-friendly access to all components. The appliance can be mounted on the slender base, on a telescopic stand or with a wall bracket.

The 15-inch touchscreen display is available either as 5-wire resistive or also as a capacitive model.

In addition a variety of customer displays are available.

Pay an inclusive price for food with the chipcard



smart.FIX inclusive price terminal

smart.FIX inclusive price terminal

The compact “smart.FIX” chipcard terminal was specially developed for the payment of menus at fixed prices. It replaces the costly checkout system involving staff.

Guests hold their chipcard in front of the chipcard reader; the fixed price is deducted and access to the menu is granted.

The fixed price is either deducted from the credit on the chipcard or is charged via a cost-centre accounting system.

The chipcard terminal can easily be linked into your checkout system.



Signals

Signals

If an optical or acoustic confirmation of payment or of access to the food area be desired, a signal can also be included in the payment system.

CANTEEN AND REFECTORY

Payment at the checkout using the chipcard



smart.DESK chipcard reader

Checkout Sango with cash drawer

smart.DESK chipcard reader

“smart.DESK” is a compact chipcard reader specially developed for the checkout area, for efficient cashless payment in refectories, canteens and cafeterias.

With its hard-wearing presentation, “smart.DESK” fulfils all requirements for a variety of checkout environments.

The card-reading screen is easily identified by the user. Combined with a clearly legible LCD display, it ensures an intuitive and therefore error-free payment process with the chipcard.

The actions at the terminal are recognisable on the display through different colours. A signal will sound if an error occurs.

Booking times of less than 1 second ensure a faster throughput, especially at busy times.

Cash drawer and receipt printer



cash drawer 3ST-100



ODP 333 receipt printer



cash drawer 3S-430



TRP 100 receipt printer

Cash drawer

The 3ST-100 cash drawer is equipped with 8 compartments for coins and 6 compartments for banknotes. It can also be supplied with a stainless-steel cover upon request. The 3ST-100 cash drawer with interchangeable tray offers 8 compartments for banknotes and a tray for 8 types of coins as well as two front slits for cheques or vouchers. The drawer is available in beige and black.

Receipt printer

The ODP 333 splashproof receipt printer issues the receipts from a slot on the front and has a printing speed of 160 mm/sec. The attractive square, compact design combines gloss and matt surfaces in black and white. The receipt printer is extremely energy-saving and switches automatically into stand-by mode.

The TRP 100 thermoprinter offers excellent printing quality at a speed of 160 mm/sec., good cost-effectiveness and low energy consumption. The receipt printer can accommodate paper rolls of up to 80 mm diameter. Optionally, the printer can also be incorporated via a parallel-, LAN- or WIFI interface.

CANTEEN AND REFECTORY

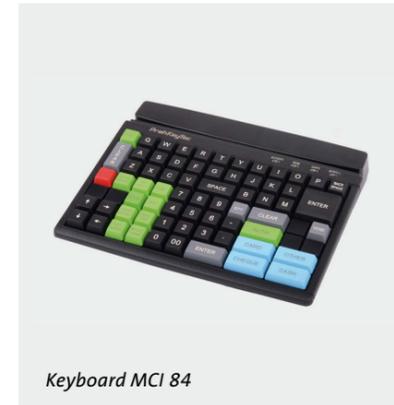
Accessories for checkout systems



Scale Bizerba CS 300



Barcode scanner



Keyboard MCI 84



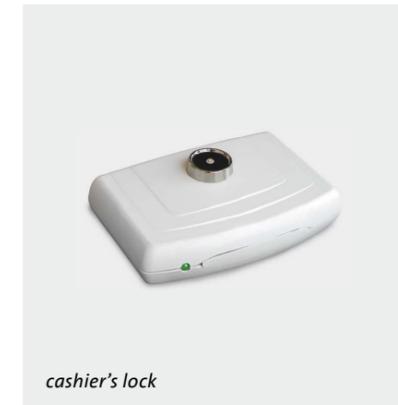
cashier's key



Customer display OCD 300



Keyboard MCI 128



cashier's lock

Scales

With their interface variants, “Bizerba” electronic checkout scales, optionally either free-standing (CS 300 TM) or built into the checkout desk (CS 300 TE), offer optimal opportunities for combinations between scales and checkout. The free-standing display on the stand can be flexibly positioned.

The price per kilo is transmitted from the cash desk to the scales. The CS 300 scales then register the weight, take into account the tare value and calculate the sales price which is then transmitted to the checkout or the receipt printer.

Barcode scanner

Products bearing a barcode are registered at the checkout using the barcode scanner. To scan the products they are held under the appliance on the base and are scanned automatically. If it is used manually the scan is triggered by pressing a button. The barcode scanner is available in 11 different colours.

Keyboards

The keyboards combine a high degree of reliability and an ergonomic design with a shield against dust and splashes of water on the front. The MCI keyboards can be programmed individually. The MCI 84 keyboard has 84 programmable key positions and the MCI 128 keyboard even has as many as 128.

Cashier's equipment

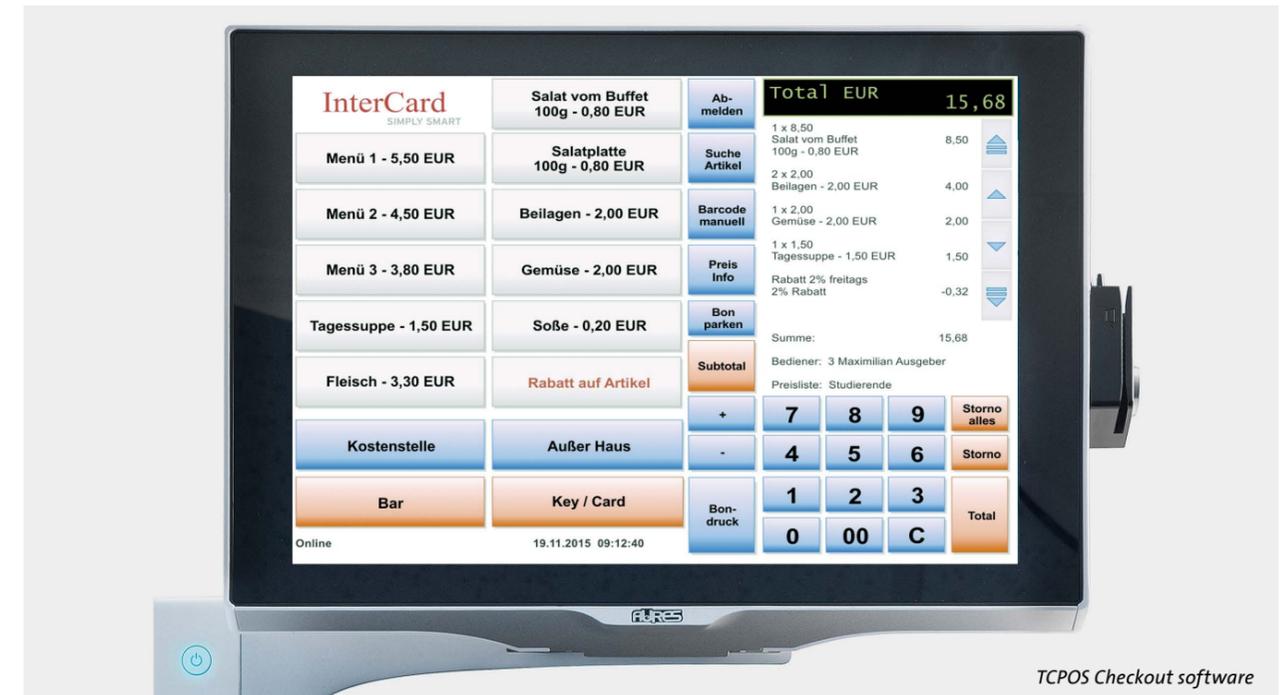
By means of the cashier's key and the cashier's lock you can regulate the authorisation for access to the cash checkout for several people. The cashier's keys are placed on the lock and remain fixed to it magnetically. The cashier's keys are available in several colours.

Customer display

The OCD 300 customer display with LED display and LED background lighting fits onto every sales counter and can be used in a particularly versatile and space-saving manner thanks to the adjustable angle of inclination from 0 to 90°. An integrated USB cable guarantees at the same time the transfer of all data as well as the power supply.

CANTEEN AND REFECTORY

Operating software for checkouts



For every requirement the right checkout software

A choice of two software packages is available. They have been specially developed for use in community catering and permit fast and easy processing of the checkout procedures as well as payment with cash, via cost centres or with the credit on a chipcard.

The software packages are very easy to use even for computer novices. They permit rapid entry to efficient checkout systems in refectories, canteens, cafeterias and shops.

The registration procedure takes place via the cashier's key, a chipcard or the user password. Upon request the software will start automatically when you switch the system on and will shut down and switch off the PC when the checkout module ends.

In order to simplify and support repetitive work, procedures can be individually saved by the user and then carried out at a later stage by simply pressing a button.

By means of the flexible data interfaces it is possible to link the system into external programs, e.g. merchandise management, salaries and wages systems or in order to exchange data with external systems.

CC checkout software

- Different article prices according to chipcard or subsidies structure for different user groups
- The entering of individual prices
- Price calculation by weighing
- Special functions via scripts
- Chipcard reader can be connected
- Administrator functions for important tasks (e.g. cancellation)
- Manual printout of receipt is possible
- Configurable receipt tracing
- Recharging of chipcards
- Contingents

TCPOS checkout software

With the CC checkout software you can cover all the requirements of a modern checkout system in one comprehensive software package.

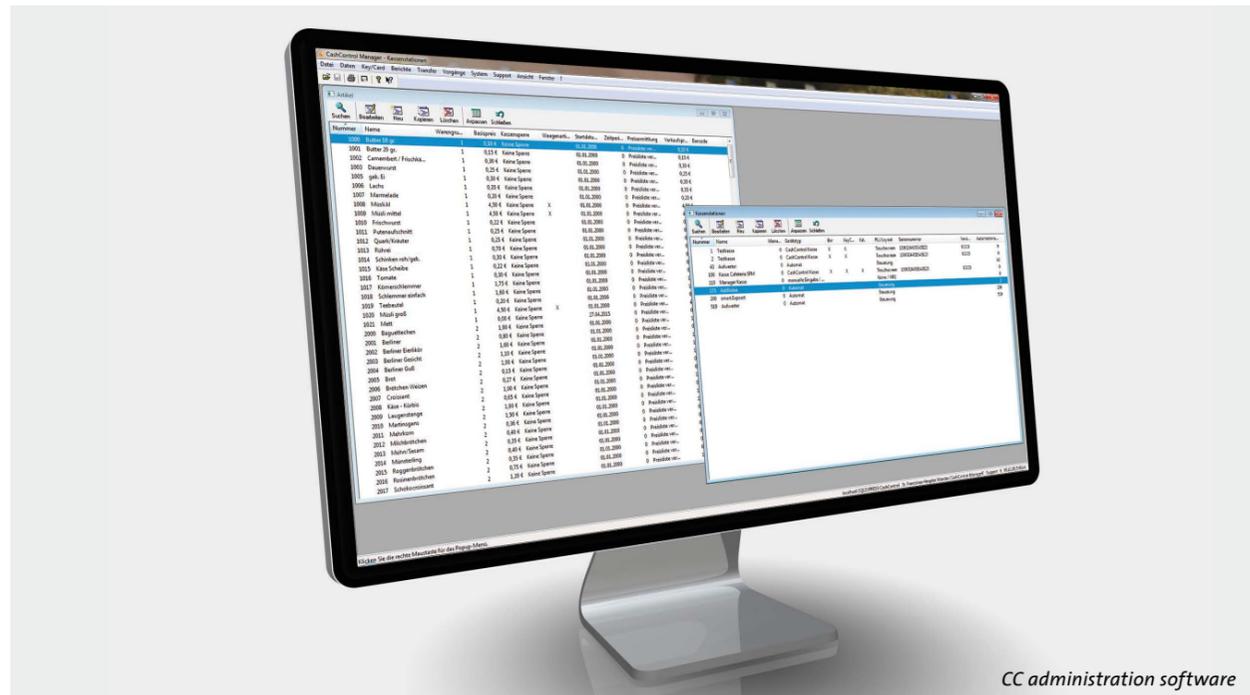
The carefully conceived structure makes individual adjustment unnecessary. Products and prices can be entered easily and the system is thus immediately ready for use.

In the basic version the TCPOS checkout software offers all the standard functions of a modern checkout system. The performance range can be extended at any time by means of optional modules such as Mobile Checkout, Advance Orders or Voucher Sales.

The checkout software appeals by virtue of its simple user guidance which can be configured on all levels in an exceptionally flexible and individual manner.

CANTEEN AND REFECTORY

Administration software for CC and TCPOS checkout software



Central data administration of the checkout system

With the software packages for data administration you can manage centrally all the master data for the checkout system:

- Articles and article groups
- Prices and price changes
- Administration of users and rights
- Authorisations for charging
- Core data for users, staff and customers
- Core data for appliances

The administration software is intuitive and easy to use. It has been devised for staff without in-depth experience. The menu structure of the software can be adapted to suit your individual needs; you can simply mask out menu entries which you do not require.

The user surfaces of the checkouts can also be centrally configured and designed using the administration software.

Turnover data control

The software packages assist you with your monitoring of sales, balance checks, checkout revenues and turnover in kiosk vending machines. The turnover monitoring can be carried out for all sales points and locations.

When starting and ending the checkout system the core data are automatically read into the checkouts and the turnover data are read out. The administration software supplies comprehensive turnover reports.

System supervision

Plausibility checks monitor all transaction data continuously. Thus the system will recognise the malfunctioning of equipment, data carrier errors, missing amounts or manipulation of the chipcard as well as unusual user behaviour.

The system records every action with date, time, checkout number, etc. and permits a gapless reconstruction of all procedures. Thus if a card is lost the latest credit amount can also be determined.

Database concept

The data from all transactions, such as, for example, checkout or upgrading revenues, are stored in a raw data format in the Microsoft SQL database and are made available for you to process as required.

The administration software makes interfaces available to other management systems such as merchandise management and financial accounting.

Administration modules

It is possible to administer table reservations and bookings, customer cards and subsidies via the software packages.

Additional modules for the TCPOS checkout software are also available for sales campaigns, stocktaking checks, invoice printing and label printing.

VENDING SYSTEM

Paying with the chipcard at the vending machine



The smart.VEND chipcard module can be built into every vending machine

The smart.VEND chipcard module can be built into every vending machine

We offer the chipcard module smart.VEND for use in vending machines for drinks, snacks or accessories.

smart.VEND is compatible with the current MDB and BDV protocols and in the variants Sales and Returns.

The chipcard module is designed to conform with the EVA standard in order to guarantee smooth installation into all vending machines. At the same time the module can also be installed into machines for the return of bottles so that the deposit can be credited to the card once more. It is easy to call up the data via the network.

- RS 422/RS 232 interface
- MDB and BDV Interface
- 24 V power supply via vending machine control
- Network-compatible via external COM server
- Card technologies: Mifare® Classic and Mifare® DESFire

Convert all vending machines to payment by chipcard

Simply link your food and drinks vending machines for snacks and drinks or your product sales vending machines for accessories into your existing chipcard system. Our service technicians will carry out the installation and link them to your network for you reliably and quickly.

If there is no EVA-normed shaft for smart.VEND in your network-compatible vending machine, let us integrate other chipcard readers into your system. In this way you can also pay with chipcard, for example for coffee from the coffee machine in your office.

IHR ANSPRECHPARTNER.

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