



Pioneering parking
management systems

ICA MultiTicket

[Intelligence] [Convenience] [Assistance]

[ICA]
PARKING

PAY STATION

PAY STATION



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Thinking forward

Financial flexibility in chip card and barcode versions

Over 30 years experience and service

As a multi-ticket system provider for parking space management, ICA realises pioneering parking solutions worldwide, which flexibly grow with their operator's needs.

Perfect design, solid workmanship and the use of state of the art data processing and communication systems are just as much a feature of ICA as the use of energy saving components for eco-friendly, efficient system operation. With the MultiTicket parking system ICA offers you innovative and flexible system solutions for the most economical approach customised to you.

As a result of more than 30 years experience in the development, engineering, production and realisation of parking management systems, the Multi-Ticket parking system combines state of the art technologies for all system functions in a modern car park business. ICA customers therefore benefit from long-term, reliable solutions with the added security of a nationwide service network.

ICA MultiTicket: International use of barcode and chip card technology

Car park operators benefit from the efficiency of our barcode and chip card system solutions at over 1,600 locations worldwide. Our success as the only supplier of chip card technology for parking management is based on innovative technology and first class service:

Our professional service staff provide technical support for our customers at our locations all over the country and are on site fast within the shortest response times, if necessary. One phone call to the service hotline is all it takes and you will always receive the assistance you require.

The remote maintenance of your system is a matter of course for ICA. Training and maintenance packages practically round off our customer-focused service package to ensure your success.



PAY STATION



With the advancement of the MultiTicket C system operating cost minimising benefits, as a result of chip card operation and new energy-saving components, add up to a solution that significantly increases economic advantages for the operator and ecological advantages for our environment.

- Energy-saving LED displays
- 75% energy-saving thanks to new barrier drive technology
- Saving on ticket costs and waste disposal
- Favourable maintenance costs

Chip card technology

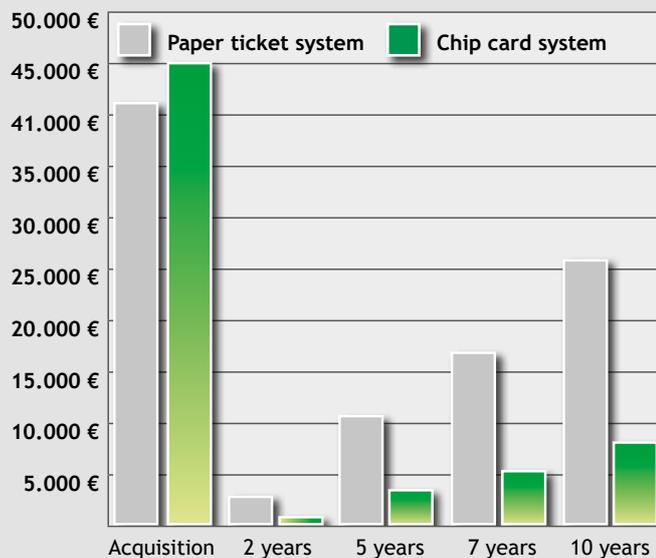
Good for the environment.
And your balance sheet.



Economical and ecological forward-looking approach

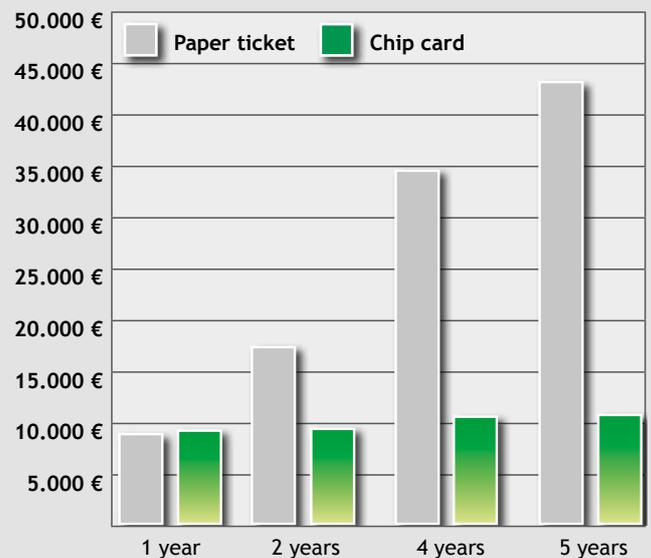
The GREEN CHIP CARD SYSTEM is the latest stage of development in our chip card based MultiTicket C family. The economic and environmental advantages of paperless parking management have been developed further thanks to our use of energy-saving components. Besides the flexible use, upgradeability and economic aspects, eco-friendly operation is becoming an increasingly important decision-making factor.

Fig. 1: Comparison of maintenance costs



The comparison is based on a standard set-up (1 entry, 1 exit, 2 pay stations, 2 banknote handling machines, 1 central station, intercom, installation). Twelve months warranty is taken into account. Assessment based on: 7% paper system, 2% chip card system. The figures used for the assessment are averages as confirmed by car park operators. We are confident that these figures can be reproduced in your company.

Fig. 2: Comparison of ticket usage



The comparison is based on a car park with 2,000 entries per day, open 6 days a week. Each ticket is used once a day. In the case of a higher turnover rate the chip cards become even more cost-effective. The comparison also takes into account a 10% loss rate for the chip cards due to allow for misplaced tickets.

ICA MultiTicket C

The pioneering chip card system

Maximum flexibility

The ICA MultiTicket C chip card system is based on processing a reusable, contactless chip card for all parking management tasks:

The chip card is used for short-term tickets as well as special and permanent tickets. In contrast to a paper-based system there are no follow-up costs due to ongoing ticket usage. The chip card offers flexible customer loyalty options as well as discounting and is open to other additional functions.

Extraordinary cost effectiveness

Due to the rewritability on both sides of the fully printable chip card it can be recoded over 100,000 times.

The chip card system is unbeatable in terms of follow-up costs as a result of low maintenance costs thanks to contactless and therefore wear-proof read and write technology, as well as keeping mechanical components to the minimum.

- Only chip card based solution for parking space management
- Low maintenance thanks to contactless read technology and very few mechanical components
- Flexible discounting due to electronic stamping/payment
- One card for all applications



- Short-term tickets
- Permanent tickets
- Pre-paid tickets
- Special tickets

Pay station KA 4000 C

Perfect design, energy efficiency and high reliability are guaranteed by the KA 4000 C pay station. Paying is so simple: the self-explanatory user guidance system on the 15" touch LED colour display guarantees convenient and time-saving payment. Be it in cash or with EC, credit or GiroGo, the KA 4000 C pay station processes all methods of payment conveniently and quickly. The sturdy stainless steel housing offers perfect protection against vandalism. Advertising text or images can also be displayed on the 15" screen. Optionally available with QR-code reader and in a design equipped for the disabled.



Entry and exit station EKS 3500 C

The entry and exit stations in a pleasing design process, short-term, permanent, pre-paid and special tickets, with a top performance ticket dispensing time of 0.5 seconds. As an option, customer card and QR code are processed. The display guarantees intuitive user guidance and information.



Long-range reader WBL

Convenient long-range reader solution for permanent tickets. Reading distance of up to 5 m possible.

Barrier AS 4000 M

The state of the art, reliable drive technology behind the AS 4000 M barrier not only offers fast opening and closing times of 1.4 seconds but thanks to the new drive technology this barrier reduces energy consumption by 75%!



Access control device ZKG C

Entry control for permanent and special tickets in separate areas.



Central station

The central station combines ease of use and maximum software performance functions. All components, such as the entry and exit stations, pay stations and other peripheral devices are connected to the central station via a network. Several car parks can also be conveniently and securely networked thanks to the optional web interface. The data export of relevant data is of course standard.



Chip card tickets

The chip card is the ideal data carrier in parking systems. It can be reused over 100,000 times, programmed in any way, printed fully on both sides and can read and write without any contact. The chip card tickets are used as short-term, permanent, pre-paid and special tickets!

electronic parking ticket validator BPE C

Flexible parking payment concepts are possible using the electronic parking ticket validator. Ideal for shopping centres and office blocks. Pre-paid payment systems can also be applied immediately using this ticket validator: the most flexible payment technology that is available for parking management.



ICA MultiTicket B

The barcode system with optional add-ons

The new flexibility

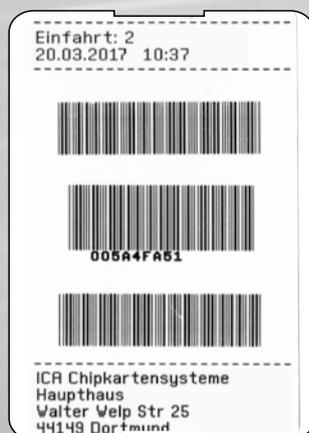
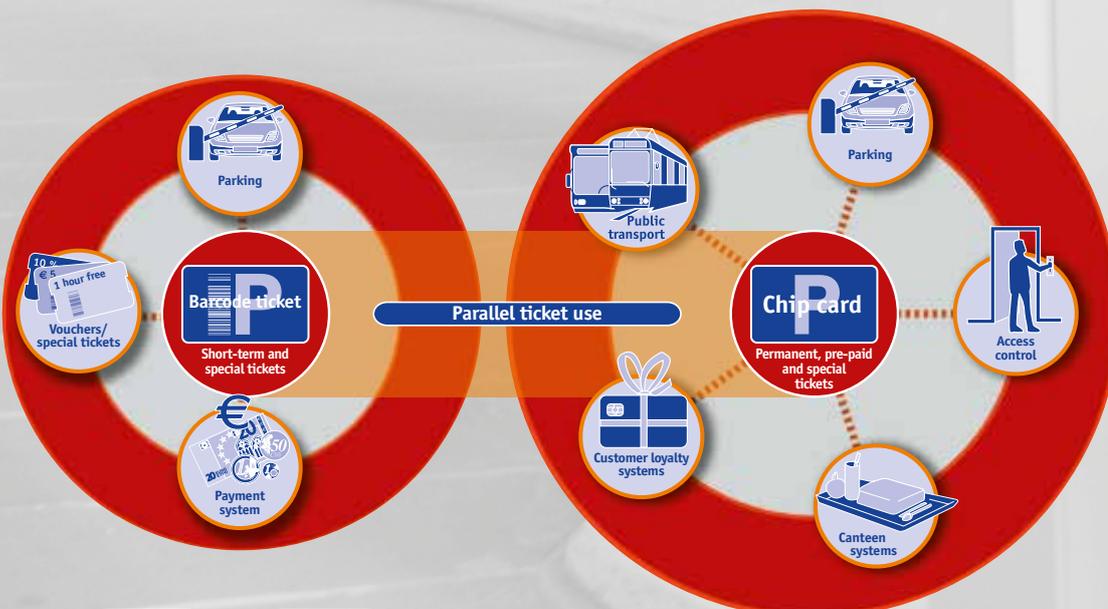
The ICA MultiTicket B barcode system is based on processing a barcode ticket for short-term tickers and payment concepts, as well as the chip card technology for use with permanent, pre-paid and special tickets.

The new barcode printing and reading units integrated into MultiTicket B are extremely reliable and therefore minimise any operational costs.

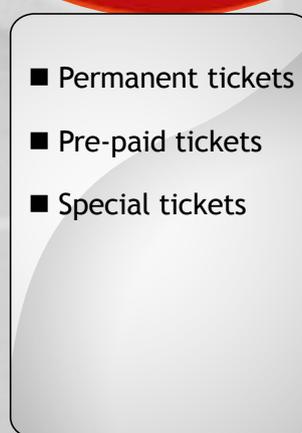
MultiTicket B is the flexible barcode system that adapts to suit your needs.

All end devices are already set up for parallel chip card processing.

Additional benefits with parallel ticket use



Barcode technology for short-term tickets and payment concepts



Optional chip card technology for permanent and special tickets

Pay station KA 3000 B / KA 4000 B

The KA 3000 B and KA 4000 B pay stations' hallmarks are a sturdy stainless steel housing, functional design, energy efficiency and great reliability. The self-explanatory user guidance system and structured design guarantee convenient and simple payment. Be it in cash or with EC, credit or GiroGo: the pay stations process all methods of payment conveniently and quickly.

KA 3000 B*: Compact housing with 10.4" display

KA 4000 B: Large 15" touch LED display with very convenient user guidance. Optionally available with QR code reader and in a design equipped for the disabled.



Entry and exit station EKS 3500 B

The entry and exit stations in a pleasing design process, short-term, permanent, pre-paid and special tickets. The display guarantees intuitive user guidance and information. As an option, QR codes can be read and processed.



Access control device ZKG B

Entry control for permanent and special tickets in separate areas.



Barrier AS 4000 M

The state of the art, reliable drive technology behind the AS 4000 M barrier not only offers fast opening and closing times of 1.4 seconds but thanks to the new drive technology this barrier reduces energy consumption by 75%!



Ticket centre

The ticket centre is the ideal multifunctional add-on to the barcode system. This device combines receipt printing and the creation of series and discount tickets on Leporello binding in a compact design. The stamping of the parking ticket and coding of contactless permanent and pre-paid tickets is another function.

Central station

The central station combines ease of use and maximum software performance functions. All components, such as the entry and exit stations, pay stations and other peripheral devices are connected to the central station via a network. Several car parks can also be conveniently and securely networked thanks to the optional web interface. The data export of relevant data is of course standard.



Parking ticket validator BPE B

The BPE B parking ticket validator allows for the multiple cancellation of a barcode ticket: a unique benefit for contemporary payment concepts.



Multiple stamping for payment concepts

*Figure with optional bag shelf



Web-based parking management WebCard MultiServer

Our customers can access their whole parking management system for barcode and chip card based solutions using the WebCard MultiServer. Control, management and monitoring are made so easy and efficient, independent of the location.

Whether you are planning a control station system with the management of several cards/customers or just want to give several employees access to data and actions over the internet: the WebCard MultiServer is a convenient solution for any project size.

Global transparent access to your business:

- Web-based control technology
- Remote control and maintenance of all system components
- Overall summary of all current status, alarm and occupancy reports incl. acknowledgement tracking
- Full control room function
- Centralised reporting



- Centralised issue of permanent, pre-paid and special tickets
- Individual issuing of rights
- Acoustic alarms



We take reliability very seriously

Service + support

There is a very good reason for our reliability and response times: our own service team, who is in constant contact with our development and production teams, has the expertise to be able to provide fast and reliable assistance in case of faults.

Complemented by our support hotline, which has optional remote access to the customer's system, we therefore offer a full service programme for every eventuality.

- **National presence**
- **Professional, in-house service team**
- **Standard replacement parts available in service vehicles**
- **Short response times**
- **Close collaboration/cooperation with IT and Production**
- **Online reporting**
- **Optional remote access to track errors and immediately process cases**

In international projects we apply our high standards of reliable customer service and support exclusively with select retailers, who have their own service network.

Global realisation of projects

Reliable service + support

Short response times

Full provision from one source

Maintenance packages

Professional advice

Service hotline

More than 30 years experience

**ICA Service Centres
in Germany:**

Berlin

Dortmund

Hamburg

Heidelberg

München

Wiesbaden

**ICA Chipkartensysteme
GmbH & Co. KG**

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