BUILDING SECURITY

Customized solutions from access control to visitor management and video surveillance.

pcs

PCS SYSTEMTECHNIK GMBH

YOUR PARTNER FOR BUILDING SECURITY

Security begins with a strong partner. At PCS, we are here to help and advise you: As experts for building security, we will develop a customized security concept for you that will fit your company perfectly. We are looking forward to it!

Proven solutions for every need.

We know a thing or two about security: For more than 40 years, we at PCS have been developing hardware and software for building security and time recording. Every day, enterprises from all sectors are using our time recording terminals, RFID or biometric readers. More than 350,000 devices have been deployed all over the world. Combined with powerful software, access control, visitor management and video surveillance are performed reliably and accurately.

We offer the right solution for every requirement – innovative, user-friendly and technically mature. Via secure interfaces, our software can be integrated with systems such as your existing ERP to leverage synergies in data maintenance.

For example, we have been a partner of SAP for over 20 years and use a certified interface for integration with their applications.

Complete service from A to Z.

Our experienced team reliably accompanies you through all the phases of a project, from planning and installation to commissioning and many years beyond. Your company has big plans? No problem: Your security system will simply grow with it. Proactive planning plus durable products and services make it possible. You can rest assured that the protection of your company buildings and premises is in the best hands with us.

SECURITY IN ALL AREAS
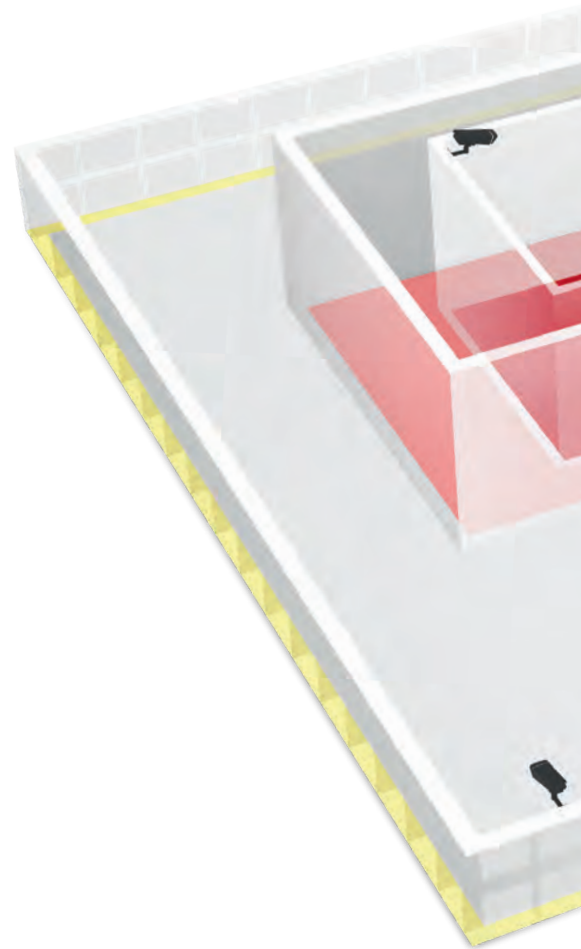
Secure is not always the same.

No two companies are exactly alike. And even within a single organization, each area has its own specific security requirements: While the reception desk should be accessible to the public, the executive suites are a different story. The shop floor must be protected against sabotage, and highly sensitive areas such as data centers or laboratories require the strictest security precautions.
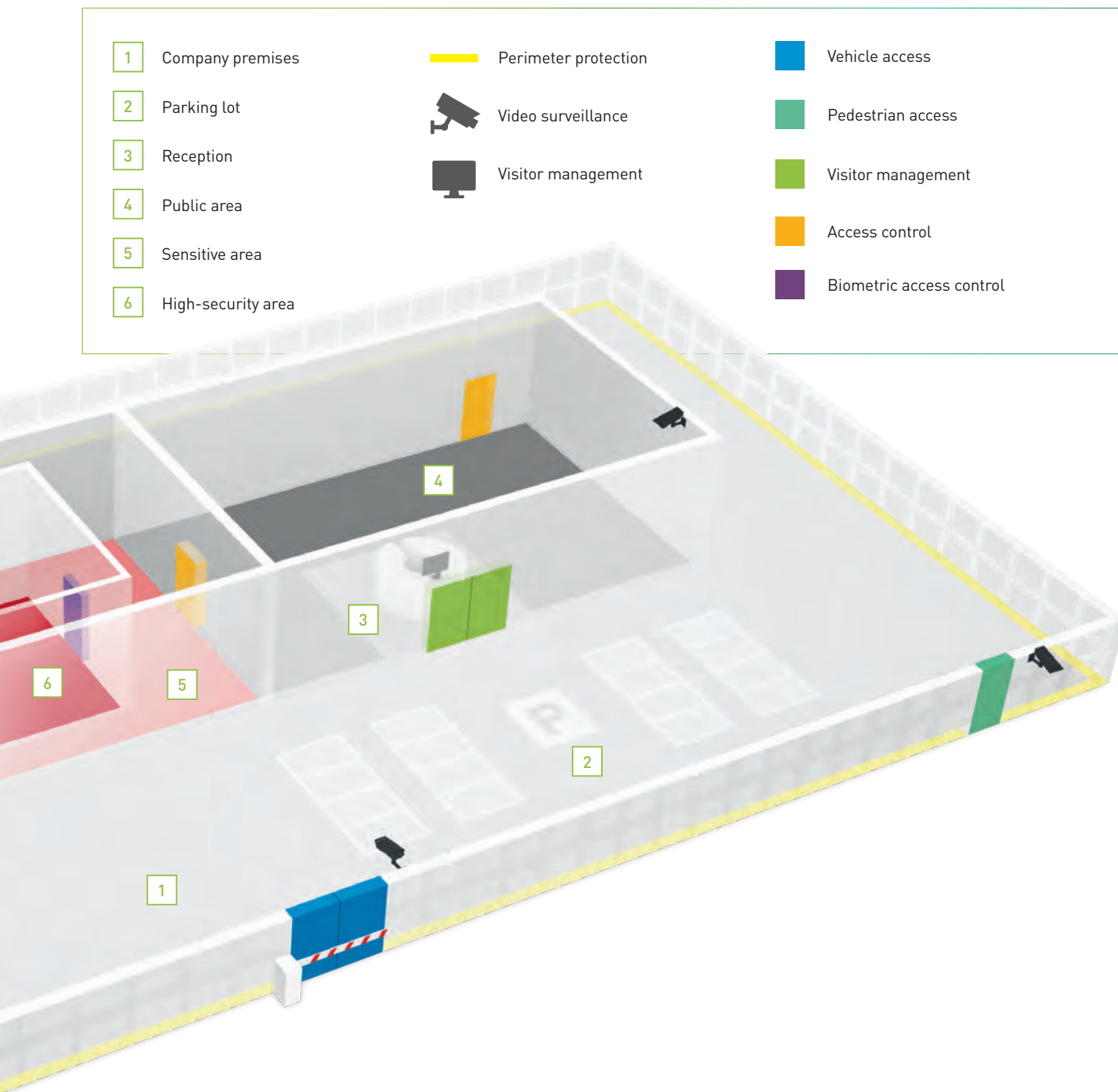
Well thought out down to the last detail.

A well-thought-out security concept takes this diversity into account. That's why we start by analyzing the situation together with you to define the various areas and their security requirements. On this basis, we develop a differentiated, customized security system at the highest technical level.

Secure without attracting much attention.

By the way, we know from experience that a good security concept is not only secure, but also inconspicuous in everyday use. Therefore, we harmonically integrate your protection system into your processes and your employees' day-to-day activities. This makes sure that everyone is focused on what is essential and able to fully concentrate on their work.

1	Company premises	**━**	Perimeter protection	■	Vehicle access
2	Parking lot	📷	Video surveillance	■	Pedestrian access
3	Reception	🖥	Visitor management	■	Visitor management
4	Public area			■	Access control
5	Sensitive area			■	Biometric access control
6	High-security area				

SOPHISTICATED SECURITY SYSTEMS

INTUS 1600PS – PCS's biometric access reader for high security requirements.
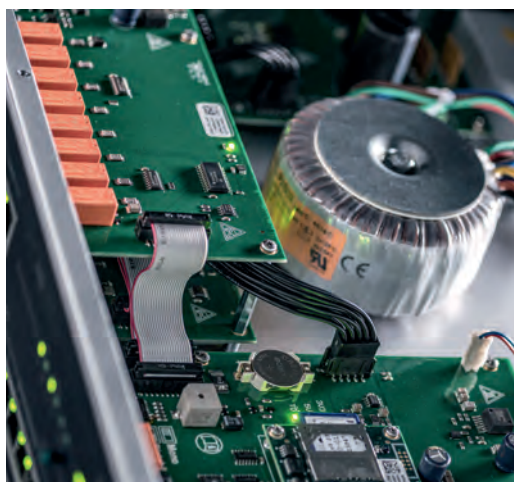
Everything in perfect interplay.

Grant access to authorized persons, keep out the unauthorized – that's the basic principle of access control. It sounds simple, but can be quite tricky to implement depending on the company's organizational set-up and physical structures. The solution: An intelligent system of hardware and software components perfectly tailored to the specific circumstances of the company.

One-stop building security.

Our product portfolio comprises the right components for every deployment scenario, from our proven DEXICON software solution to our reliable INTUS hardware including electronic access readers and mechatronic locking systems. Add to this solutions for video technology and parameter protection such as barriers, fencing and turnstiles, which we offer in cooperation with leading manufacturers. All the different elements combine to form a system that perfectly meets your requirements.

INTUS ACM Access Control Managers are the control centers for access control.

We will design your system.

Following a detailed analysis of your requirements, we will design your security system together with you: Which hardware do you need for which areas? Which physical structures have to be taken into account? How should the software be configured. Which functions do you really need? There are a thousand questions in the beginning. In the end, there's a well-thought-out customized concept for your company.

"The PCS access system is very flexible. In addition, I was convinced by the service and customer focus of the PCS team, which has also supported us during ongoing operations."

Dagobert Trummer,
DB Regio Bayern
Facility Maintenance

THE HEART OF SECURITY

SAP® Certified
Integration with SAP S/4HANA®

PCS has been a certified SAP software partner since 1990.

DEXICON access control software.

Our proven and powerful DEXICON software bundles different security applications on a single platform. In addition to access control, you can integrate solutions such as visitor management, vehicle traffic management on the company's premises and video surveillance. DEXICON interfaces to ERP systems such as SAP so that you can conveniently use your master data as the basis for your corporate security.

This is where all the threads come together.

DEXICON is your tool to control and manage all the physical components of your access system such as INTUS readers and Access Control Managers. A site plan highlighting the status of doors and terminals lets you check the current security situation at a glance. When it comes to functionality, DEXICON goes far beyond the standard.

Features such as anti-passback, area change control, a sophisticated emergency concept or the option to implement up-to-date hygienic concepts provide flexibility for more security.

Access authorizations easily managed.

DEXICON allows you to easily manage access authorizations. The flexible role concept makes sure that persons with the same role will automatically be granted the same access authorizations, and it can be applied to vehicles as well. Moreover, you can take the master records from your ERP system and use the attributes for assigning the role profiles.

The certified SAP interface to SAP S/4HANA or SAP S/4 HR-PDC ensures a smooth exchange of data. PCS has been a certified SAP partner since 1990.
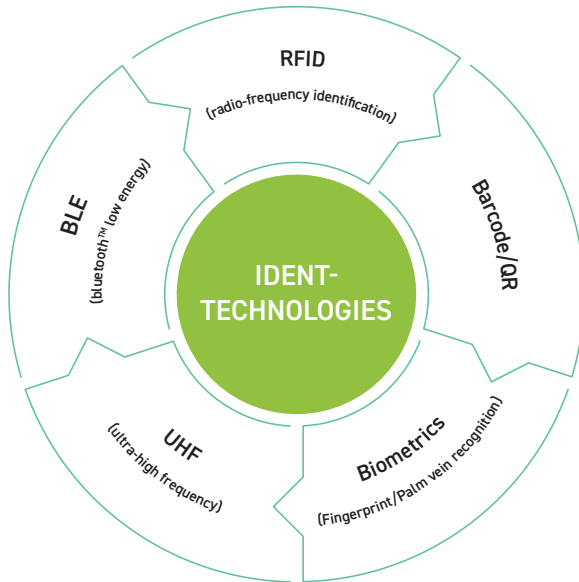
The plus in our offer for you:

We will configure the application software according to your requirements, install the required hardware in your company and train your employees in using it. And when everything is running smoothly, we will make sure that it will keep doing so thanks to our software and hardware maintenance contracts.

ELECTRONIC ACCESS READERS FOR ALL AREAS

RFID
(radio-frequency identification)

BLE
(bluetooth™ low energy)

IDENT-
TECHNOLOGIES

Barcode / QR

UHF
(ultra-high frequency)

Biometrics
(Fingerprint / Palm vein recognition)

Electronic access readers open doors and gates for authorized persons. With our innovative INTUS product family, we offer you a wide range of state-of-the-art access readers equipped with RFID technology and / or biometrics (fingerprint or palm vein authentication).

A solution for every case.

Our access readers can be installed on walls or door-frames, on-wall or in-wall, integrated with switch product ranges or intercom systems, indoors or outdoors – no matter where or how you prefer, we will have the right solution for you. Factory gates or barriers can be secured by long-range readers for vehicle access control. AES-encrypted data transmission protects INTUS readers against attacks from the outside. The emergency power supply ensures fail-safe operation.

Did you know that INTUS access readers can also count persons? As soon as a predefined number of persons has booked in, further access to the room will be blocked.

GERMAN
INNO
VATION
AWARD '21
WINNER

The central control units.

Intelligent control of the access readers is performed by the INTUS ACM Access Control Managers. Supplied with master data from a central host, they decide whether a door or gate is to be opened or to stay closed. Sensitive data is protected by a comprehensive security package including embedded firewall, data encryption and three-level password log-in.

The plus in our offer for you:

We will help you select the right access readers for the structural conditions on your premises. Subsequently, we will install the hardware and software and make sure that everything runs smoothly. Are you planning to upgrade an existing system to a current RFID generation? We will help you with the migration.

DOOR TERMINALS

WIRELESS SECURITY

Mechatronic solutions for access control.

Mechatronic door terminals and lock cylinders are a practical and cost-effective option to implement access control with as little effort as possible, in particular in older buildings that are to be retrofitted with a security system or in the case of fire doors that are very challenging to wire. The mechatronic device is integrated into the door handle and operates reliably and almost maintenance-free in battery mode.
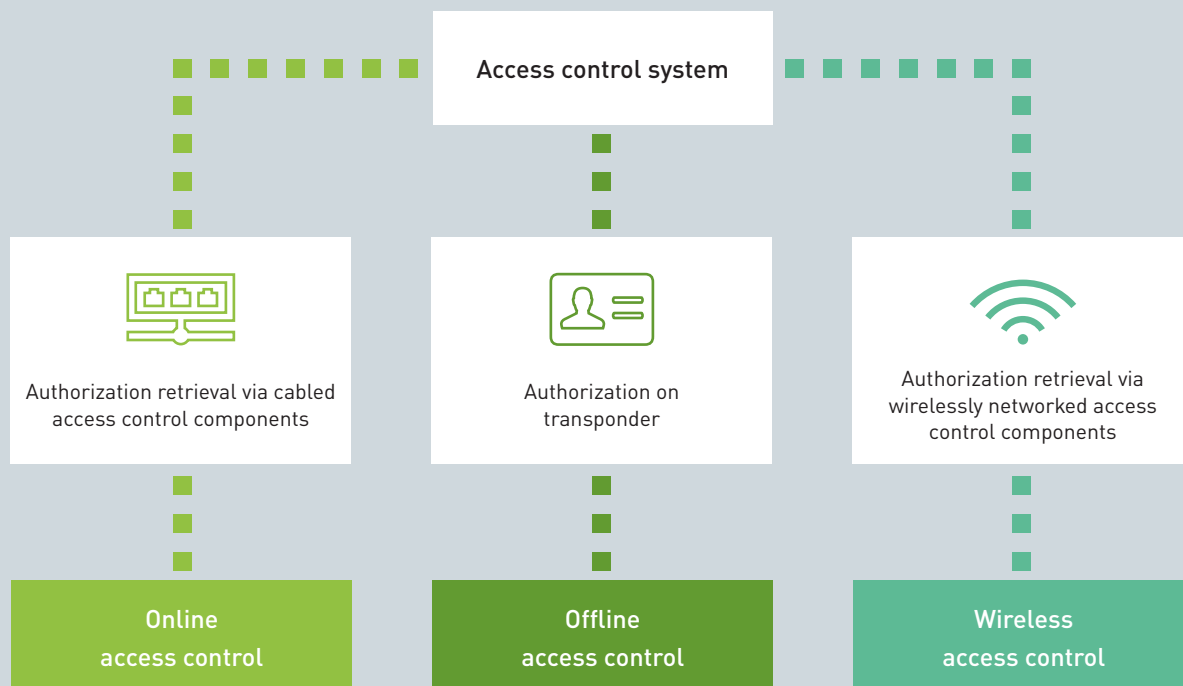

A single "card" for every door.

Very convenient: Our INTUS Flex mechatronic door terminals and lock cylinders are integrated with online access control via a common RFID badge system. Access authorizations are written to the transponder medium on a day-to-day basis, for example, when a time recording terminal is used. Alternatively, the mechatronic systems can be wirelessly connected to the higher-level access system.

Online access control enhanced by INTUS Flex:
seamless integration

Access control system

Authorization retrieval via cabled access control components

Authorization on transponder

Authorization retrieval via wirelessly networked access control components

Online access control

Offline access control

Wireless access control

The plus in our offer for you:

We will help you plan mechatronic access control with an on-site inspection, site measuring and the creation of a door list for the required components. Subsequently, we will install the door terminals and lock cylinders and lay the foundation for consistently smooth operation.

IDENTIFICATION TECHNOLOGIES
THE KEY TO SECURITY

RFID badges for your employees.

What used to be the key is now the RFID transponder. Except that the RFID transponder can do much more. As a personalized employee ID badge it opens up a lot of possibilities: from access control and time recording to cashless payment in the cafeteria and fuel data collection.

Holding the card up to the reader for a moment is enough. In expansive parking lots or outdoor areas, UHF long-range readers detect UHF transponders in the vehicles. This makes it possible to easily identify vehicles from a distance of up to 12 meters.
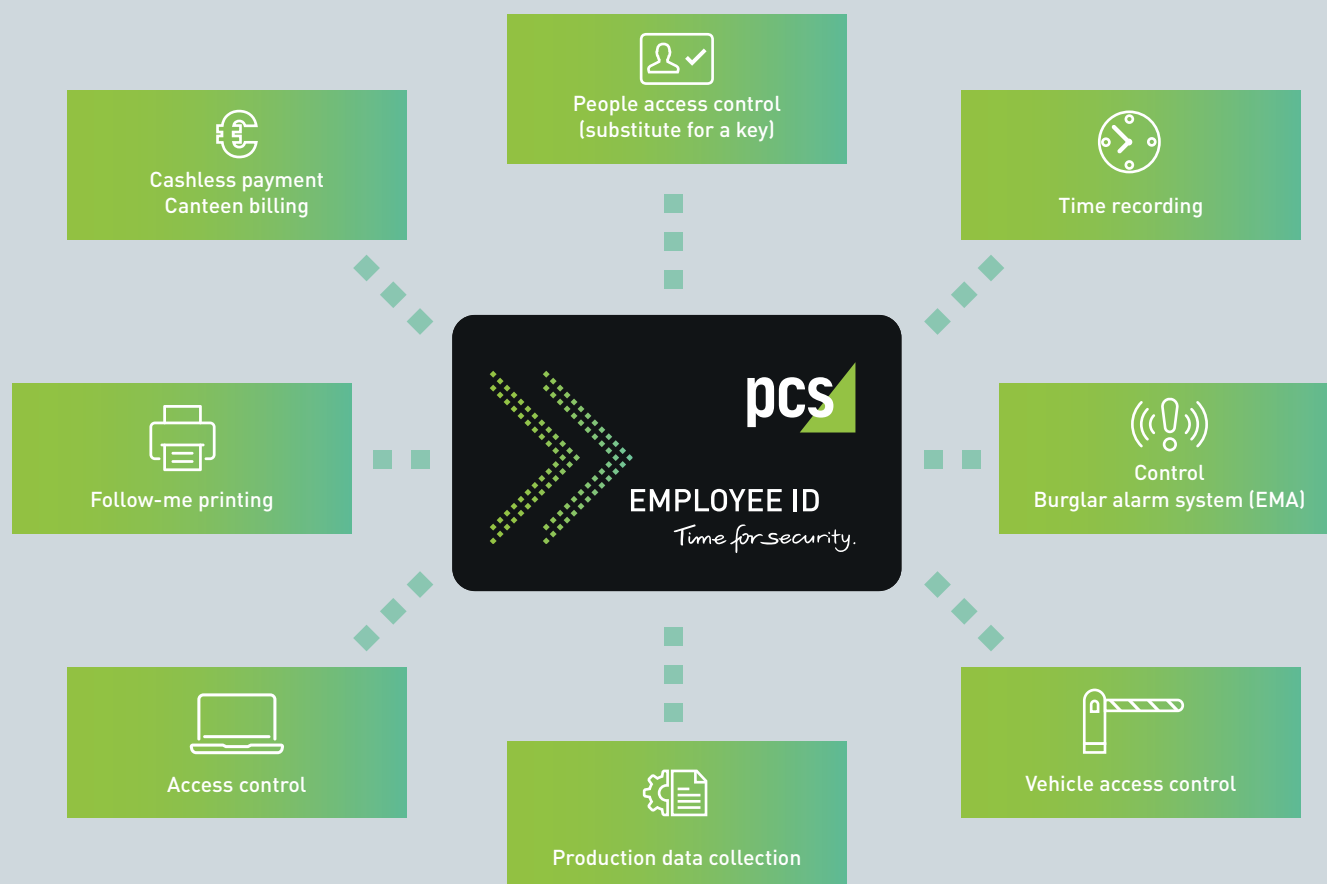
A card with a personality.

Which functions do you need on your transponder? Which RFID technology is the right one? We will advise you on all the questions, find the best solution – and print your card according to your specifications. Also, we will test existing cards for compatibility and define the future standard. PCS carefully archives customer-specific card parameters to ensure their long-term availability.

Everything on one "card".

Cashless payment
Canteen billing

People access control
(substitute for a key)

Time recording

Follow-me printing

EMPLOYEE ID
Time for security.

Control
Burglar alarm system (EMA)

Access control

Production data collection

Vehicle access control

KEEP AN EYE ON ALL YOUR VISITORS

End-to-end visitor management.

Professional visitor management will not only impress your visitors. It also increases security and makes work easier for your employees. The system documents all external persons on the premises in an audit-compliant and traceable way. It notifies your reception desk even before the arrival of the guests and allows a speedy registration on site. Provided with a temporary RFID visitor ID badge, external service providers may be allowed to move freely on your site. And as soon as they live the premises, their access authorizations will be disabled automatically.

Safety briefing made easy.

Is a safety briefing required on your site? If so, you can facilitate it for your employees and visitors by allowing them to complete the briefing at a self-service terminal – on their own, in their own time and including a final assessment of learning success.

Your delivery traffic orderly managed.

Visitor management also facilitates the handling of delivery traffic on your premises: The system documents all the traffic on your site, from arrival to clearance and acknowledgment at the loading bay. Every movement is stored in an audit-compliant and traceable way. The status of a delivery can be viewed at any time.

The plus in our offer for you:

We will design your visitor management just as you need it, giving you the choice of modules such as delivery traffic management, electronic safety briefing, self-registration and many more. We will support you in commissioning your system and train your employees so that everything will run smoothly right from the start.

THE BIG PICTURE AT A GLANCE

Video surveillance and documentation.

Video surveillance and documentation is ideal for targeted monitoring of specific areas or as a protection against vandalism. We will plan, install and configure the entire system for you, including cameras, video servers and the powerful Cayuga video management software.

Video technology for security and comfort.

Video data associated with defined events at access readers will automatically be stored in the DEXICON software. This makes it easy to resolve an alarm and act quickly in the case of an emergency. By the way, video technology also supports vehicle access control: License plate recognition by camera lets drivers conveniently access parking lots or underground car parks.

Securing the company grounds.

Security does not start at the main entrance but rather at the outer boundary of the company grounds. Therefore, our security concepts already take effect at the perimeter: To control access to a site, we use separation systems such as baffle gates, turnstiles, locks or barriers, partnering with leading manufacturers such as ZABAG, Heras (Adronit), the Perimeter Protection Group or Wanzl. Turnstiles or baffle gates prevent unauthorized persons from "slipping through" onto the premises.

The separation systems are always equipped with RFID readers. Video surveillance cameras and intercom systems can be additionally deployed on request. For highest security requirements, separation can be combined with biometric palm vein authentication to unequivocally identify individuals and ensure right at the gate that only authorized persons will be allowed access.
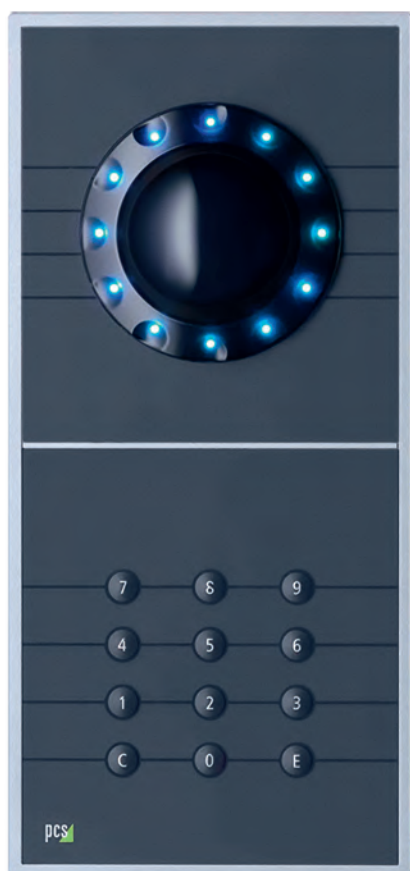

The plus in our offer for you:

We will support you in planning and implementing your video surveillance system. During a joint site inspection, we will define the relevant areas and private zones together with you. Subsequently, we will select the components and configure everything in such a way that you can immediately put your surveillance system into operation. Perimeter protection is an integral part of our security concept for you.

SECURITY IN PRACTICAL APPLICATION
SECURITY FOR SPECIAL PURPOSES

Biometric technologies for sensitive areas.

Whether it's the data center or a laboratory: Critical areas in a company require double protection. Here, the INTUS 1600PS biometric palm vein reader with multi-factor authentication is an obvious choice: Access will only be granted after the card has been checked and the palm vein pattern – unique to every person – has been verified additionally. An effective high-security solution for particularly security-relevant areas.

Certification as a "Known Consignor".

A company can have itself certified as a "Known Consignor" with the German Federal Office of Civil Aviation to speed up customs handling of its air freight consignments.The certification will only be granted if the company has implemented comprehensive security structures in its packaging area for air freight shipments. PCS will advise you on organizing the security measures that need to be implemented in order to receive the certification from the German Federal Office of Civil Aviation. A certified "Known Consignor" must take a number of organizational measures including construction and security-relevant measures to secure the air freight packaging area, complete documentation of all accesses and regular functional checks of the security system.

Security concept for IFS Food certification.

The IFS Food certification is considered as a seal of quality for hygienic and safe food production. Effective access control to prevent tampering during food production and to secure areas such as the production plants is required as part of the certification.

We will assist you with a concept for the physical security of your company – a key advantage for successful certification.

The BAUER AG has set up an autonomous security system with electronic access control to secure its air freight department. The access system raises an alarm if a door is left open for too long and the freight department is no longer protected.

"The DEXICON access control software is user-friendly and easy to understand so that it's easy to implement our concept with it. We have found our partner in PCS."

Markus Stelzer
Basis Administrator
Time Recording / Access Control
BAUER AG

DB FIBA Pasing

DB Regio Bayern's 2,800 trains serve 600 stations and cover 64 million train kilometers a year. Seamless maintenance is essential for smooth operation. The vehicle maintenance and treatment facility (FIBA) in Munich-Pasing takes care of this – and PCS takes care of its security: The 15,500 square meter site comprising workshops, warehouse and offices is secured with a PCS access control system.

Office doors and workshop gates have been fitted with mechatronic door terminals. This made it possible to also integrate fire doors and metal doors into the access system. The access roads to the site are equipped with barriers and turnstiles, including one specially for cyclists.

Every employee has been issued with a personal RFID key tag to operate the access control system. Access authorizations are managed via the DEXICON software and saved to the RFID tag every day during the first booking at the INTUS access reader. Emergency vehicles are also represented in the access system. Since the drivers change, the cars themselves are registered as persons with ID badges assigned to the respective team leader.

SUCCESS STORIES

GEMÜ Group

The GEMÜ Group develops and manufactures valve, measurement and control systems for liquids, vapors and gases. GEMÜ is a global market leader when it comes to solutions for sterile applications. The three German sites with a total of 1,100 employees have a standardized security system that takes all areas of the company into account individually, depending on their risk.

Plant entrances and gates are equipped with access readers, some of them with heating and under a weather protection cover. The security measures inside the plants were designed to cover the respective risks. To avoid building work and cabling, the access system was extended with mechatronic door fittings. They were installed in existing doors and communicate with the online access system via an RFID card. Important access points are additionally secured by video surveillance. A joint site map for access control and video surveillance provides a convenient high-level view of the entire system. The Cayuga video management software bundles the camera sequences captured as a result of motion detection at the access readers.

References

3C-Carbon ▪ A. Kärcher ▪ Adelholzener ▪ Alupress (I) ▪ Assa Abloy ▪ BayWa ▪ Bionade ▪ Bischof & Klein ▪ BorgWarner Turbo Systems ▪ BSH Hausgeräte ▪ Brauerei C.& A. Veltins ▪ Caterpillar ▪ Cherry ▪ Claas ▪ Daimler ▪ Die Continentale ▪ Diehl Defence ▪ DIN ▪ Doka ▪ Eissmann Automotive ▪ Endress+Hauser ▪ Enercon ▪ Entsorgungsbetriebe Essen ▪ Freixenet ▪ Fritzmeier ▪ Gardinia ▪ GLS German Logistic Systems ▪ Hansgrohe ▪ Hans Kupfer + Sohn ▪ Hermes Arzneimittel ▪ IHK Nürnberg ▪ Innsbrucker Kommunalbetriebe (A) ▪ Kamax ▪ Krombacher Brauerei ▪ Krones ▪ Kronospan ▪ KVB ▪ Leipziger Verkehrsbetriebe ▪ Linhardt ▪ Mondi ▪ Neoperl ▪ Paulaner ▪ Porsche Holding ▪ Radeberger Gruppe ▪ Rentschler Bio-pharma ▪ Richard Wolf ▪ Rivella ▪ Salamander ▪ Sandoz (A) ▪ SEW Eurodrive ▪ s. Oliver ▪ Stadtwerke Essen ▪ Smurfit Kappa ▪ Testo ▪ Tiroler Wasserkraft (A) ▪ Universitätsklinikum Düsseldorf ▪ Universitätsklinikum Münster ▪ Valeo ▪ Viessmann ▪ Vorwerk Elektrowerke ▪ Warsteiner Brauerei ▪ Wanzl Metallwarenfabrik ▪ Warema ▪ Wiegel ▪ Wilo Pumpen ▪ Wolford AG (A) ▪ and many other national and international clients.

Time for security.

made in
germany

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