



Software with certified SAP® interface

DEXICON

- + Time and attendance recording
- + Access Control and vehicle access
- + For staff, outside companies and visitors
- + Integration to control station and video surveillance
- + Certified HR-PDC interface to SAP®

Time & Attendance

Access Control



SAP® Certified
Integration with SAP Applications

PCS has all the know-how.

SAP-certified interface since more than 20 years.

PCS started to develop and manufacture its INTUS system family of time and attendance recording/ access control terminals and industrial PCs in 1972. Today, PCS has an installed base of more than 190,000 INTUS devices worldwide. INTUS terminals are used to collect data in all industries from manufacturing to banking and with institutions ranging from hospitals to government agencies. Many of our renowned and long-standing customers rely on SAP as their ERP system. For all SAP users, PCS offers its DEXICON time management and access control software with a SAP-certified interface. DEXICON retrieves master data for time and attendance recording and access control from SAP. Time data evaluation is performed in SAP.



Security system.

Turning access control into an enterprise-wide security system.

Our many years of experience have taught us that combining time and attendance recording with integrated access control offers great advantages when it comes to building a secure enterprise. When we developed our DEXICON software for time and access control, we therefore placed great emphasis on the integration of security mechanisms such as video surveillance and interfaces to control centers or alarm systems. Forewarned is forearmed.

Access Control.

A strong connection.

The choice is yours – more than 100 software companies and system houses partner with PCS to offer sophisticated time management solutions including workforce management, resource planning and workforce scheduling integrated with payroll systems. If you use such a comprehensive time management solution as your leading system, you can conveniently tie in powerful DEXICON access control via an interface. Simply select the solution that suits you best.

DEX

With PCS,
everything fits together.

INTUS terminals, DEXICON and more.

PCS products are unbeatable when combined in a system: INTUS terminals record attendance times, INTUS RFID readers and Access Control Managers ensure access control for the business, and INTUS palm vein authentication protects its data center or executive suite.

The DEXICON software handles access control and forwards time and attendance data to SAP, no matter which identification medium you decide to use – RFID cards, biometric technologies or mobile methods. DEXICON supports all of these variants, individually as well as combined.

DEXICON can be integrated with video surveillance and interfaced to a control center. Offline readers extend access control to doors outside of the network (such as fire doors). DEXICON also accepts working times recorded out in the field by phone, smartphone app or web browser. License plate recognition facilitates access to your underground garage or parking lot. Add to this visitor management and ID card creation as further DEXICON modules.



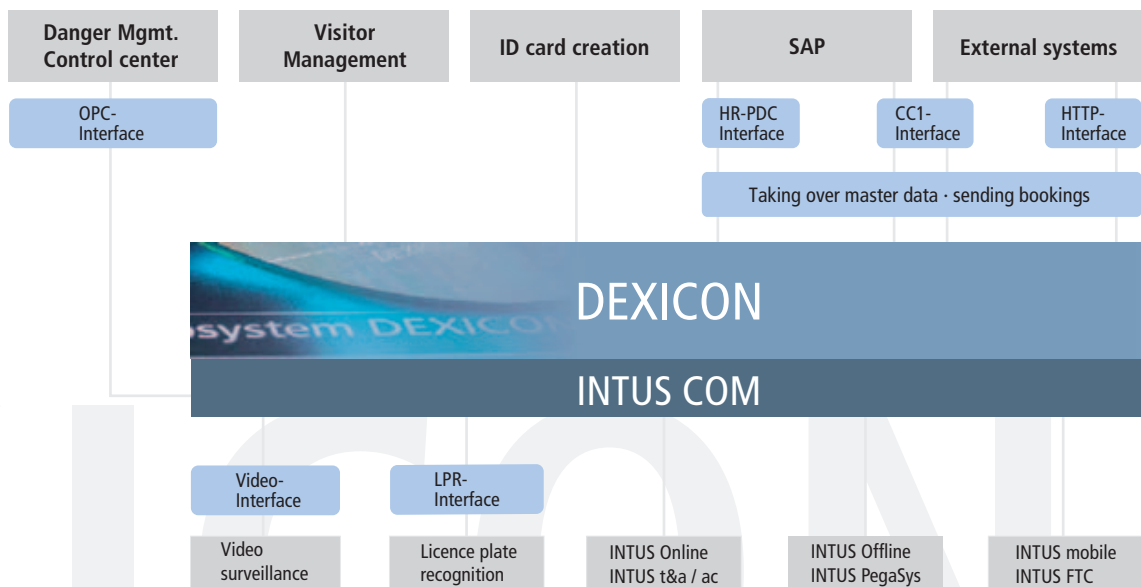
DEXICON.

Your long-term advantage.

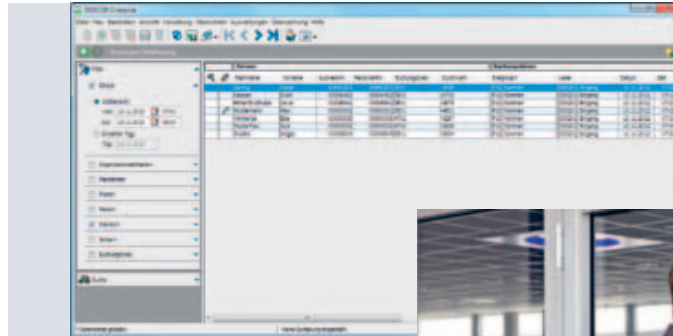
- DEXICON is a modular software solution that will be configured according to your requirements.
- The license required is determined by the number of master records.
- DEXICON offers multi-client capability.

Your investment will pay off:

- PCS is constantly enhancing DEXICON and enables you to keep up to date through new releases of the software.
- PCS takes care to ensure the full compatibility of newly developed PCS hardware with DEXICON.
- Regular re-certification of the SAP interface makes sure that the database is up to date and guarantees data consistency.



Time & Attendance



More details see: www.pcs.com/SAP



DEXICON **time and attendance recording.**

A positive view of the working day.

DEXICON time and attendance recording performs positive time recording with plausibility checks on all data registered at the INTUS terminal. HR master data from SAP is taken over into DEXICON via the certified HR-PDC interface, while ID card numbers are sent to the INTUS time and attendance recording terminals. This gets the day off to a good start.

The terminal records:

- Clock-in
- Clock-out
- Off-site assignment
- Break
- Absence (including an absence reason)
- Employee expenditures
- Change of cost center



At the press of a button, the employee can view up to 10 balances at an INTUS time and attendance recording terminal. Defined for the whole system, the balances are provided by SAP and updated daily. In addition, the latest booking can be displayed at the terminal (type and date/time of day). For contingency purposes, the balances are stored locally in the time and attendance recording terminal when this is in offline operation. This means extra safety.

The DEXICON Online module ensures the plausibility of bookings: Once an employee has accessed a site, his or her next booking will automatically be a "Clock-out" – every terminal is in the loop.

DEXICO



Mobile time and attendance recording.

DEXICON not only works with INTUS terminals, but also with our INTUS FTC software product for mobile time and attendance recording. INTUS FTC makes it possible to register times for service reps or other employees working in the field – by phone, web browser or Android smartphone/tablet app. This gives you visibility of your entire workforce, whether in house or out in the field.

Time & Attendance

Attendance status at a glance.

A configurable graphical attendance roster allows you to view an employee's status at any time so that you can verify whether the person is present, absent or taking a break. This is of great help for the switching center and lets workforce schedulers keep track. Now it's time for a break.

| Employee | Date | Status | Start | End | Break | Balance |
|----------------|------------|---------|-------|-------|-------|---------|
| John Doe | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Jane Smith | 2023-10-26 | Absent | | | | 00:00 |
| Mike Johnson | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Sarah Brown | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| David White | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Emily Green | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Chris Black | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Alexander Grey | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Olivia Pink | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |
| Benjamin Blue | 2023-10-26 | Present | 08:00 | 17:00 | 00:00 | 00:00 |



Data and facts.

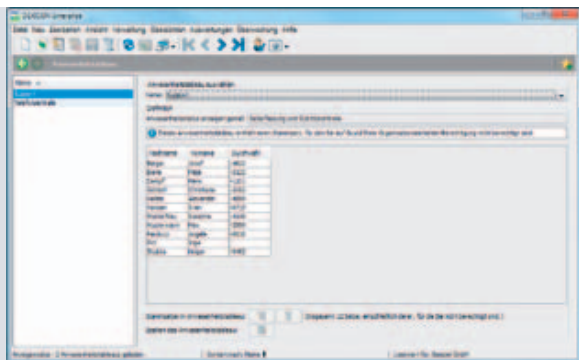
- Terminal functions mapped to SAP time event types
- Absence reasons stated in the dialog
- Display of up to 10 balances
- Balances from SAP stored in DEXICON or in the terminal for retrieval
- Clock-in/clock-out plausibility check in online operation
- INTUS time and attendance recording terminals connected via Ethernet
- Device status based on site plan
- Integration of mobile solutions

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DEXICON thinks ahead to enhance security.

DEXICON access control handles more than just standard tasks. It features special functions to enhance your company's security: documentation of all access and alarm events, door open time monitoring, time-limited ID card validity, logical anti-passback control and two-person access control, to name just a few. A graphical site plan highlighting the status of doors and terminals provides an overview of the current security situation for the administrator. If certain areas have to be evacuated in an emergency, DEXICON lets you quickly and easily generate an emergency list to see whether people are still inside. Automatic exit monitoring and counting the evacuated persons by means of an assembly point reader make for a "watertight" concept.



The DEXICON Online module monitors the attendance status of a person throughout the system and enterprise, irrespective of the zone the person is currently located in.

DEXICON

access control.

It's better to be on the safe side.

DEXICON access control is the powerful access control software based on INTUS Access Control Managers and access readers. Depending on the access situation, different types of readers may be required, such as INTUS PS, PCS's biometric palm vein authentication system, for high-security areas or INTUS PegaSys offline readers for doors that cannot be integrated into a network. All these readers may also be combined so that you can configure your access project precisely according to your requirements, for example to implement "encapsulated" freight areas as a prerequisite for your certification as a "Known Consignor". We will be pleased to advise you.



Green light

for SAP users.

In an installation where SAP is used as the ERP system, the access control application can take over the HR master table from SAP via the certified HR-PDC interface. This integrates DEXICON as a powerful access control system into the IT landscape of a business relying on SAP ERP. When other leading systems are used, integration can also be implemented through the RESTful HTTP or CC1 interface.

SAP



Video for deeper insights.

Video technology monitors critical access areas with event-triggered recording so that you can immediately view images related to access control events. Video surveillance complements an access event in real time, but also delivers archive footage associated with an alarm to DEXICON. PCS provides complete video surveillance systems, from cameras and servers to a powerful video management application supporting installations of many thousand cameras. This way you are really keeping your sights on security.



Centrally controlled.

Interfaces via OPC and HTTP

As part of a holistic security system, DEXICON access control can be integrated with a hazard management system or control center via the OPC interface.

The OPC-DA interface provides a bidirectional connection with hazard management solutions from Gemos, PVis, Winguard or similar systems.

DEXICON reports every door, tamper contact or connection status. Doors are controlled via the hazard management system, with the option to release individual doors or permanently open doors in an emergency.

A HTTP connection to the building management systems also helps save energy: When the last employee has left, the lights and heating in the offices switch off by themselves. Calls can automatically be forwarded to a mailbox or smartphone. Intelligent solutions brought to you by PCS.



VIDEO



DEXICON **visitor management.**

Well prepared for guests.

DEXICON visitor management is a scalable software tool offered as an add-on to DEXICON access control. This convenient solution facilitates the handling of visitor processes. An employee expecting a visitor will first notify the gate so that the person at the reception is informed when the visitor arrives. The guest is issued an ID card granting temporary access authorizations and subsequently escorted throughout the site.

Appointment details are automatically e-mailed to the visitor. Registered vehicles will be admitted to the premises and even assigned to a parking lot, if so requested. If strict safety requirements have to be met on a company's premises (due to "risks to life and limb"), visitors may be obliged to attend an online safety briefing that will be logged and documented by the visitor management application. Welcome to a safe system.



Clearing the way **for your vehicles.**

License plate recognition or long-range reading.

Are you thinking about monitoring or automatically managing vehicle access to your premises? DEXICON will do this for you based on license plate recognition (LPR) or long-range reader technology. Vehicles with license plates registered in DEXICON will be granted convenient contactless access to your site or parking lots: The barriers will open for them once their license plates have been detected by special LPR cameras. License plates are detected automatically, even simultaneously on multiple lanes.



The terminal people.®

DEX

DEXICON in the system environment.

DEXICON is a database-driven client/server solution running on current versions of Microsoft Windows. For databases, DEXICON uses current versions of MS SQL Server and Oracle.

A DEXICON basic system within the framework of a DEXICON installation allows you to use any number of DEXICON client workstations at no extra cost.



OPC
LPR HR-PDC
HTTP CC1
Video

DEXICON Integration.

DEXICON provides a number of interfaces for integration with other systems:

HR-PDC

- Integration with SAP
- Retrieval of master data
- Transfer of bookings
- Interface certified by SAP

HTTP

- RESTful HTTP interface
- Same functionality as the CC1 interface.
- Provides additional options to the third-party system, such as "retrieve attendance status" for customized attendance rosters.
- Retrieval of access bookings.
- Simple reporting from third-party software by using standards.

CC1

- For integration with SAP (older interface version) or third-party software.

LPR

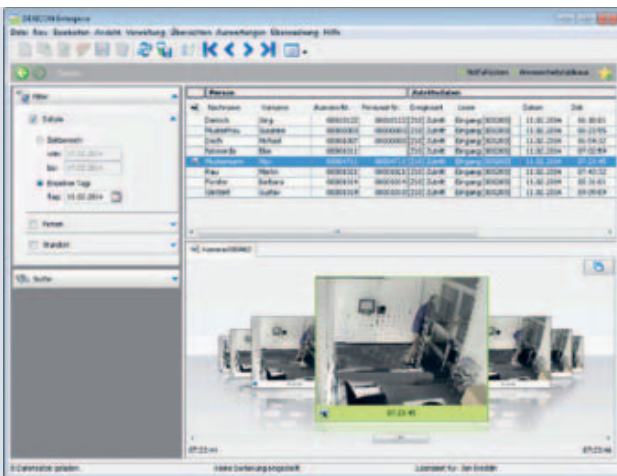
- Retrieval of a vehicle's license plate data from license plate recognition to enable access control.

OPC

- OPC-DA interface to hazard management systems.
- Transmission of door status, tamper contact status. Doors may be released from the hazard management system.

Video

- Automatic retrieval of archived video images for the documentation of events.



Data and Facts:

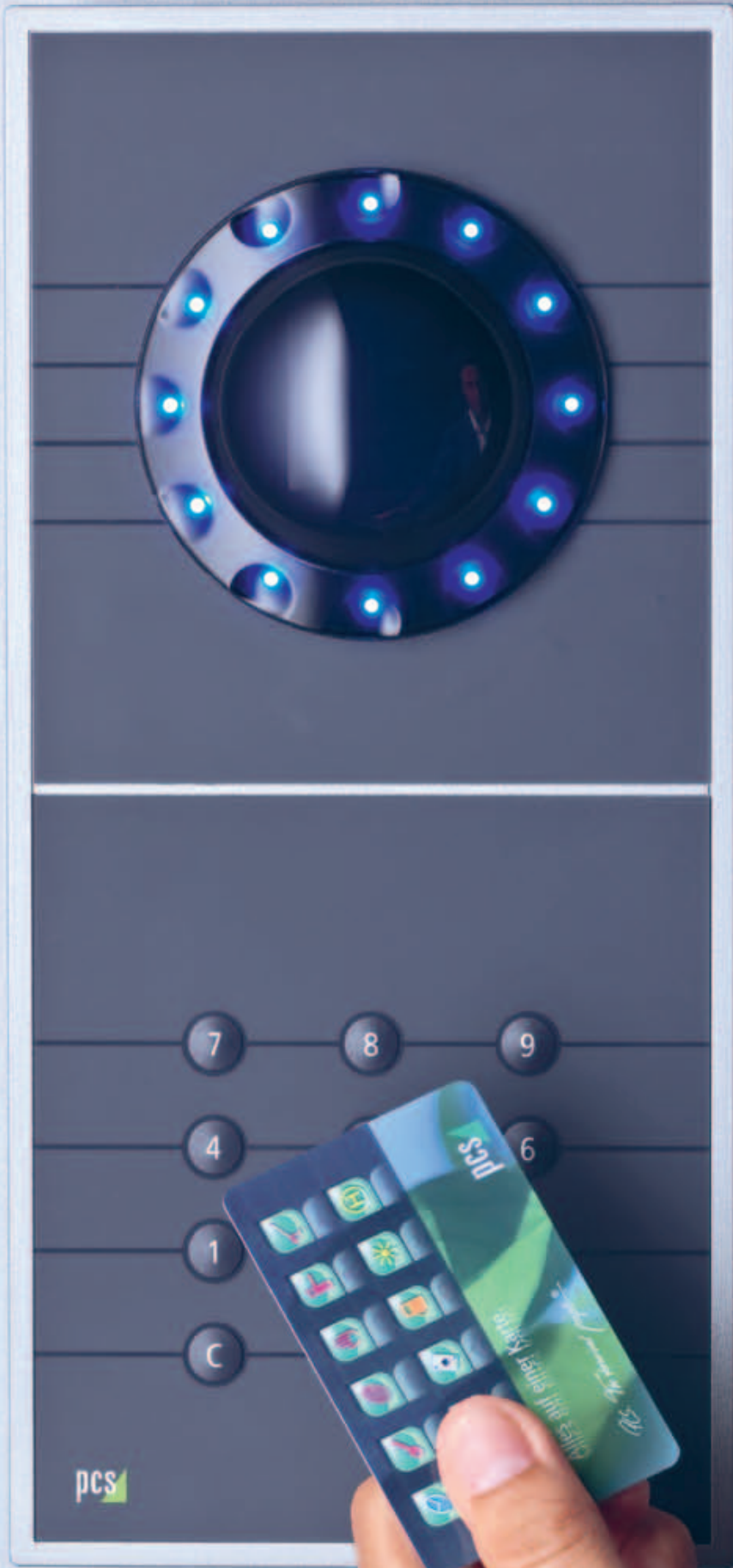
Supported Operating Systems:

Server operating systems starting with MS Windows Server 2008 32-/64-bit
Desktop operating systems: starting with MS Windows 7 32-/64-bit

Supported Databases:

MS SQL Server starting with 2008 32-/64-bit
Oracle starting with 10g R2
(not for DEXICON PegaSys)

ICON



References.

Hans Kupfer & Sohn

Sausage specialist Kupfer relies on DEXICON time and attendance recording interfacing to SAP ERP. Hans Kupfer & Sohn GmbH & Co. KG is one of Europe's leading sausage specialists, manufacturing 32,000 tons of meat and sausage products a year at three sites with approx. 580 employees. Thanks to the outstanding quality of its goods, the company today serves many prominent partners in the German and European food retailing business.

Reliable access control is critical for maintaining the high standards of hygiene indispensable in the food industry. Hans Kupfer's production facilities are subdivided into a number of different hygienic zones which must remain strictly isolated from each other. DEXICON access control makes sure that employees cannot simply pass between zones and cross-contamination is prevented. Most employees work on an hourly basis because production is very much linked to demand. Grill sausages, for example, register a sharp rise in demand during the summer months. The varying working times associated with seasonal changes in demand are uploaded by the DEXICON Enterprise subsystem to the SAP system and can be easily evaluated.

The transition to DEXICON Enterprise integrated with SAP ERP went smoothly, and the use of SAP master data has saved the HR department a lot of additional effort.



© Ziehm Imaging



Ziehm Imaging

Ziehm Imaging from Nuremberg, Germany, is specialized on mobile X-ray based imaging solutions (C-arms). With a staff of around 300, Ziehm Imaging generates about 60 percent through exports.

Key to the company's selection of DEXICON was the fact that PCS offered a package combining time and attendance recording with access control complete with an interface to SAP. Since Ziehm Imaging exports a great number of its mobile X-ray devices, the company invested in the implementation of secure access control. The management decided to equip every single entrance to the export warehouse with access control readers that trigger an alarm when the door remains open for too long. The rolling gate was converted to a lock.

A video camera for each entrance additionally documents every access event in DEXICON. Motion detection is incorporated through the SeeTec video management software: Any movement in the export freight area outside regular working hours will trigger an alarm. This is promptly forwarded by e-mail to the responsible officer's mobile phone so that he or she can immediately respond, retrieve the associated video imagery and take the required steps. Based on our all-encompassing DEXICON access control solution, Ziehm Imaging has received the certification as a "Known Consignor" from the German Federal Office of Civil Aviation (LBA). Deliveries are made on time, and the certification even saves customs handling costs.



PCS. The terminal people.

References.

A. Kärcher · Alupress (I) · Assa Abloy · BayWa · Bionade · Bischof & Klein · BorgWarner Turbo Systems · B/S/H/ Bosch und Siemens Hausgeräte · Brauerei C.& A. Veltins · Claas · Continental Teves · Daimler · Die Continentale · Diehl Defence · DIN · Dr. Woellner · Eissmann Automotive · Endress+Hauser · Enercon · Entsorgungsbetriebe Essen · ERGO Direkt · Freixenet · Fritzmeier · Gardinia · GfK SE · Geers · GLS German Logistic Systems · Hansgrohe · Hans Kupfer + Sohn · Innsbrucker Kommunalbetriebe (A) · Kamax · Krombacher Brauerei · Krones · KVB · Larosé · Leipziger Verkehrsbetriebe · Linhardt · Märklin · Mehler · Mondi · Neoperl · Peek & Cloppenburg Hamburg · Plattlinger Papierwerke · Radeberger Gruppe · Rentschler Biotechnologie · Porsche Holding · Salamander · Sandoz (A) · SEW Eurodrive (D, F, I, AUS) · s. Oliver · Stadtwerke Essen · Smurfit Kappa · Stiebel Eltron · Sulo · Tiroler Wasserkraft (A) · Universitätsklinikum Düsseldorf · Universitätsklinikum Münster · Valeo · Viessmann · Vorwerk Elektrowerke · Warsteiner Brauerei · Wanzl Metallwarenfabrik · Wilo Pumpen · Wolford AG (A) · Zapf Creation · and many more customers in Germany and countries abroad

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