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Subsystem for SAP

## DEXICON SAP<sup>®</sup> Subsystem

- + Modular subsystem for SAP ERP, SAP R/3, SAP Business Suite
- + Certified BAPI interface: HR-PDC, PP-PDC or CC1/CC2
- + Online and offline modes based on a dedicated database
- + Investment protection through regular alignment to SAP release cycles

Time and attendance recording

Access control

Production data collection

Video surveillance



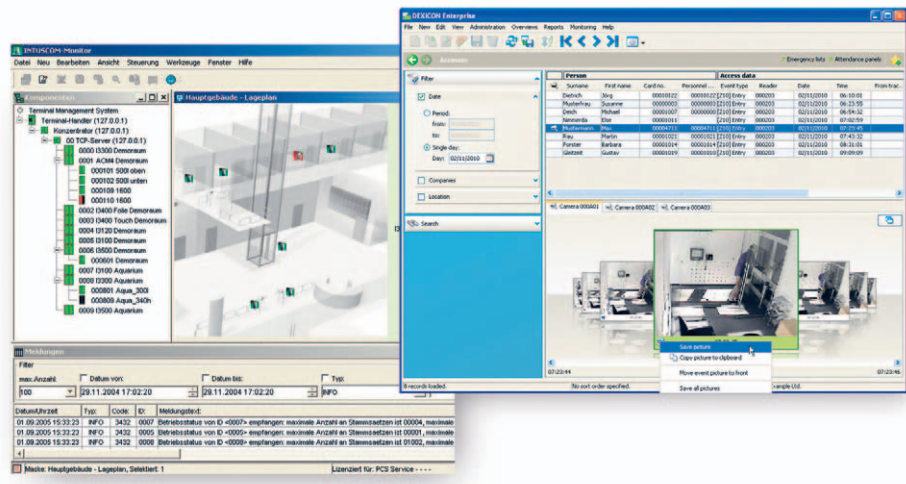
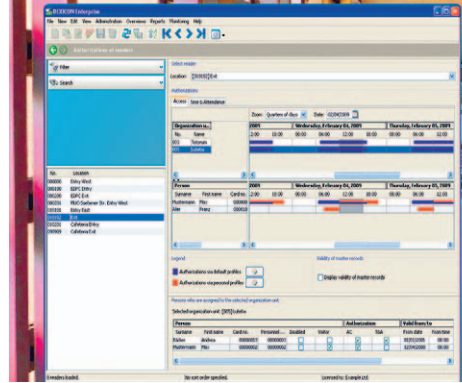
**SAP<sup>®</sup> Certified**  
Integration with SAP Applications



# DEXI

Access Control

## DEXICON access control.



The DEXICON access control subsystem connects INTUS access components to a SAP system. Access control is performed based on employee master data which the SAP system passes on to DEXICON.

The access authorization assigned to an employee's ID card is automatically and immediately derived from the organization unit maintained in SAP.

For employees not maintained in SAP, ID cards and access profiles are additionally created.

## Data and facts.

	Access control
Area and time based access control	Yes
Personal profiles	Yes
Graphical site plan for door and terminal status	Yes
PIN code check	Yes
Door open time monitoring	Yes
Blocking of repeat access attempts	Yes
Visitor/third-party management	Yes
Authorized accesses report	Yes
Rejected access attempts report	Yes
Rejected bookings report	Yes
Attendance status	Yes
Visitor report	Yes
Reader alarm report	Yes
User administration	Yes
Comprehensive authorization concept	Yes
Room balancing	Yes
Automatized enabling of access control	Yes
ID card creation	Optional
Door terminal integration	Optional
Video documentation	Optional

### ID card creation.

Through integration with the ID card creation system, personalization can be performed based on the SAP HR master record.

### Door terminal integration.

DEXICON integrates INTUS PegaSys offline door terminals into the online access control system. The ID cards for the terminals are programmed at INTUS authorization terminals or readers.

### Video documentation.

A picture says more than a thousand words. Video documentation allows you to view video data associated with access control events. PCS offers a complete solution comprising video hardware and software components.

### Control center connection via OPC.

The DEXICON OPC Server allows you to connect DEXICON Enterprise to a control center system. The control center software then automatically displays door release or terminal connection states. In addition, doors can be released from the control center system – once or permanently.

## DEXICON time and attendance recording.

DEXICON time and attendance recording performs positive time recording with plausibility checks on all booking data at the INTUS terminal. HR master data from SAP is taken over into DEXICON, and the ID card numbers are sent to the terminals. The terminal records the following bookings:

- Clock-in
- Clock-out
- Off-site assignment
- Break
- Absence with reason
- Employee expenditures (such als menu orders)
- Tasks subject to differing payment

At the press of a button, the employee can view up to 10 individually definable balances provided by SAP and updated daily for DEXICON. Depending on the configuration, balances are either stored locally in the time and attendance recording terminal or retrieved by the terminal from DEXICON.

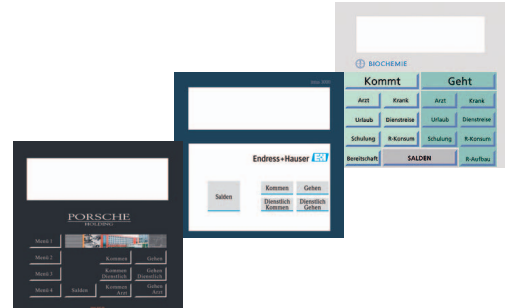
### DEXICON Web-TimeRecording.

DEXICON Web-TimeRecording allows you to perform bookings/follow-up bookings on a PC using a standard browser. The number, size and function of the keys on the screen are conveniently definable. In addition, balances and mailbox texts can be displayed.



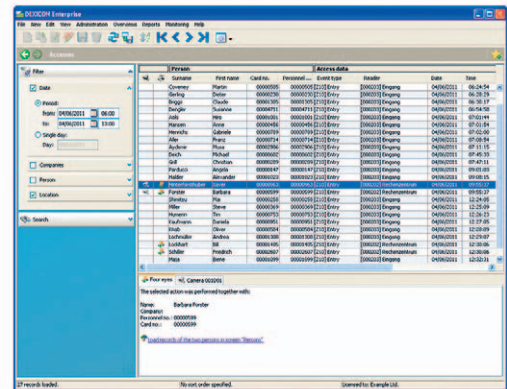
*Zustufassung*

DEXICON and INTUS terminals from PCS offer utmost flexibility when it comes to displays, ID card readers and keyboards. Our freely definable Matrix Touch keyboards are fully customizable to your individual requirements and even allow you to integrate your own Corporate Design.



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Data and facts.



- Terminal functions mapped to SAP time event types
- Absence reasons given 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 and RS485
- Device status based on site plan
- Connection of mobile terminals

The DEXICON PDC module combined with INTUS terminals offers you an ideal solution for implementing production data collection as a front-end system for SAP's PP module. Employees reporting production data via DEXICON are always associated with a job operation.

*PDC / PDC*



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## **DEXICON** **production data collection.**

DEXICON and the robust INTUS PDC terminals deliver timely and current job data, status information and overviews right to the shopfloor. Return messages from the shopfloor make sure that the production and job status is always clear and current in SAP's PP module. Every operation is fully and verifiably recorded, from set-up and job start to the completion message with entry of the produced quantity and any scrap quantities. DEXICON production data collection offers a full range of standard functions. The subsystem can be expanded based on the requirements of a specific project and customized based on individual needs and preferences. DEXICON comes with the SAP certified CC2 or PP-PDC interfaces.

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## **Data** **and facts.**

- Set-up messages:  
start, interruption, end
- Processing messages:  
start, interruption, end
- Subset message including yield,  
scrap quantity and scrap reason
- Automatic generation of set-up  
and processing interruptions  
coinciding with the clock-out  
booking
- Automatic continuation of jobs  
following the clock-in booking
- Plausibility checks for all online bookings
- Check for overdelivery or underdelivery
- Status tracking for the respective  
job operations
- Time-event based and  
time-ticket based collection
- Multiple machine operation
- Collective order return messages
- INTUS 3120 and INTUS 3600  
PDC terminals connected via Ethernet



DEXICON. The modular subsystem for processing/ job time recording and secure access control management under SAP Business Suite, SAP Business All-in-One or SAP R/3. DEXICON and INTUS terminals constitute a complete turnkey system comprising software, terminal hardware and ID card creation.



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## Investment protection and long-term deployment.

With its modular design, DEXICON is licensed based on the number of employees, which allows an attractive pricing structure as well as customized system scalability. At the same time, PCS provides compelling investment protection through regular updates and alignment to the SAP release cycles. The protection of your data assets is ensured by continuous plausibility checks on the data to be transferred to SAP and permanent status monitoring of DEXICON and all the connected terminals. Thanks to the full configurability of the system, DEXICON can be implemented within a very short space of time, in particular for time recording and access control applications. A test installation will demonstrate the system's performance capability. Software maintenance and service contracts ensure the long-term usability of your investment.

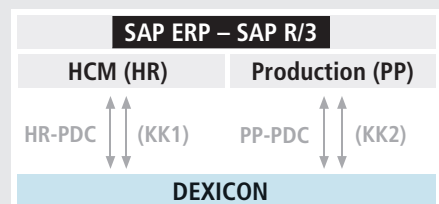
## Flexibility and security.

All the modules – time & attendance recording, access control and production data collection – can be used in standalone configurations or run under SAP in any desired combination, ensuring maximum flexibility. DEXICON is fully integrated with SAP. The certified BAPI interfaces (ALE interface via iDOC: HR-PDC and PP-PDC) or CC1/CC2 guarantee a safe exchange of data. DEXICON uses MS SQL Server Express, MS SQL Server and Oracle as a dedicated database and thus allows secure data operation.

## Data and facts.

- SAP certified HR-PDC and PP-PDC interfaces (ALE)
- SAP certified CC1 and CC2 interfaces
- Online and offline mode
- Multi-client capability
- Supported operating systems: Windows 2000, XP, Windows 7, Vista 32-bit. Windows Server 2003/2008 32-bit/64-bit. LINUX on request.
- Multi-user capable client/server application on Java basis
- Synchronization of all INTUS collection terminals based on the applicable time zone
- Web-TimeRecording

ALE IDOC  
PP-PDC KK2 KK1  
HR-PDC





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## References.

A. Kärcher · Actebis · Alupress (I) · Assa Abloy · BayWa · Bischoff & Klein · BorgWarner Turbo Systems · B/S/H/ Bosch und Siemens Hausgeräte · Brauerei C. & A. Veltins · Claas · Continental Teves · Daimler · Die Continentale · Diehl Remscheid · DIN · Dr. Woellner · Eissmann Automotive · Endress+Hauser · Entsorgungsbetriebe Essen · Freixenet · GfK SE · Geers · GLS German Logistic Systems · Hansgrohe · Hans Kupfer + Sohn · Innsbrucker Kommunalbetriebe (A) · Krombacher Brauerei · Krones · KVB · Leica · Märklin · Mehler · Neoperl · Peek&Cloppenburg Hamburg · Nokia · Pfeiderer · Philips Licht · Plattlinger Papierwerke · Radeberger Gruppe · Porsche Holding · Salamander · Sandoz (A) · Sanofi Aventis · Selters Mineralquelle · 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 · Wolford AG (A) · Zapf Creation

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**pcs**

PCS Systemtechnik GmbH  
Pfaelzer-Wald-Str. 36  
81539 Munich  
Phone +49-89-68004-550  
intus@pcs.com

Ruhrallee 311  
45136 Essen  
Phone +49-201-89416-0

Hofzeile 24  
1190 Vienna  
Phone +43-1-3670-302

[www.pcs.com](http://www.pcs.com)

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