



## MATRIX Professional Connect

Time recording for  
SAP® and other  
ERP applications

# The right solution for your security

MATRIX's modular structure allows the system to be adjusted precisely to customer requirements. MATRIX Professional can be expanded at any time with additional options or basic modules such as time recording, time management, access with smartphone and escape route control:

- Manages up to 300,000 ID badges/persons
- Fully browser-based
- Interfaces configurable to parent systems
- Tiered licensing model for staff data management

## A single source solution

Due to the constantly increasing number of IT applications in organisations, the demand for comprehensive systems to minimise administration and security efforts is becoming prevalent more urgent.

Why complicate things when you can simplify them? We offer you all system modules from one source to enhance your SAP system. Regardless of whether hardware or software, time recording or access control – all components are developed by us and are optimally coordinated with each other. Unnecessary coordination

effort and lengthy adjustment times are eliminated.

With decades of experience in the HR interface sector, we have the right solution for virtually every requirement. Tap into the full potential of your SAP® applications with dormakaba.

Thanks to open systems for easy integration into ERP environments, we offer our customers an uncomplicated connection and a very high level of system convenience.



# Experience competence, expertise and flexibility

## Are you facing the challenge of

- introducing a time and/or access system into your organisation?
- wanting to continue to use the advantages of your existing SAP system while easily integrating new applications?
- finding a competent, certified SAP partner with many years of experience of integration in ERP environments?
- getting all system components such as hardware, software and a sophisticated service concept from a single source?
- finding an internationally usable time and/or access system with tenant function?
- finding a system that can constantly develop and adapt to your requirements and so grow with you?
- providing your employees with easy access to their postings and time accounts



# Management

## More time.

## Increased satisfaction.

## Better results.

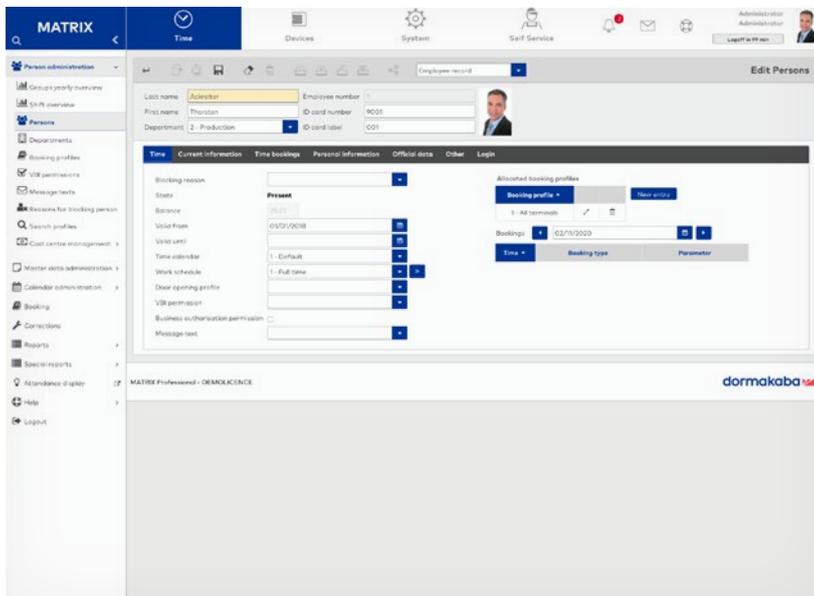
Optimise your resources by recording your employee working hours – based on your existing IT and database structure.

With MATRIX time recording you create additional benefits for companies and employees at the same time. Knowing who is accessing your premises, the frequency and when, can help build flexible optimisation approaches that can be developed to benefit both employer and employee.

With MATRIX Professional Connect, implementing professional time recording is no longer a technical challenge, and you retain and gain an overview in every respect. This is because MATRIX Professional Connect does not need its own database or network structures, but integrates into your existing ERP system. It uses your existing data and network structures effectively – without changing or influencing them.

MATRIX Professional Connect helps to make the working environment more flexible. No matter whether it's for work on the company's site, on the road or in the home office, thanks to the MATRIX browser solution, working hours can be recorded anywhere.





## Keep an overview in the HR department

A better overview in the HR department without huge additional expenditure on data administration: MATRIX Professional Connect uses the staff data from your ERP system for time recording, transfers the master data there and, conversely, passes on the recorded times for further processing, e.g. salaries or statistics.



## Working time management in the existing SAP/ERP system – thanks to dormakaba and MATRIX Professional Connect time recording

- A well thought-out time and access system concept that supports all functions of an HR-PDC SAP interface
- Developed by a certified SAP partner with many years of experience in integration with ERP systems
- Provides all system components from software to hardware through to installation, support and service from a single source
- Can also be used internationally thanks to its multilingual interface and tenant function, and can map each SAP tenant as a MATRIX tenant as well
- Can also export postings as CSV files
- Any other host systems can be implemented using the DIM (dormakaba Integration Manager) interface kit
- Is continuously developed and grows with your requirements

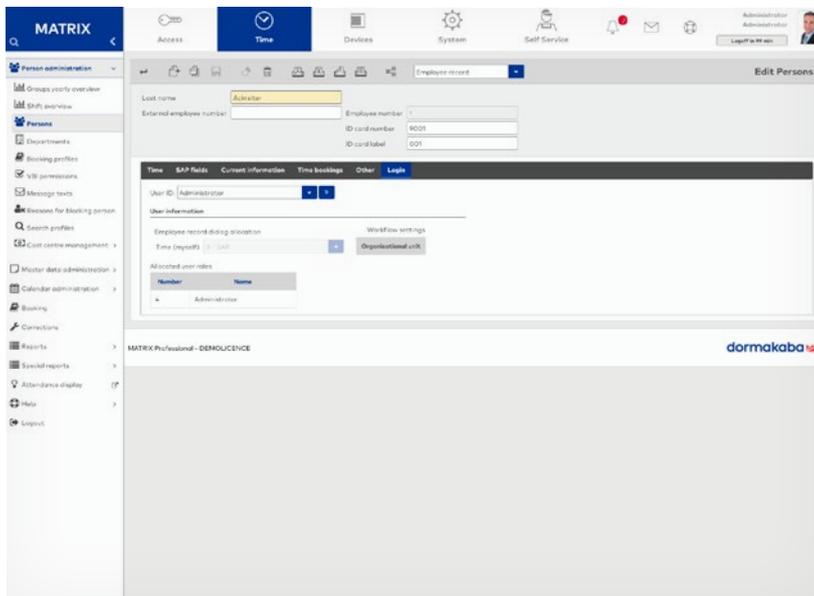
# Time registration

## Time recording with MATRIX Professional Connect

Centrally installed,  
multilingual, web-based  
and fully integrated into  
your parent system –  
that's why MATRIX time  
recording is so effective.

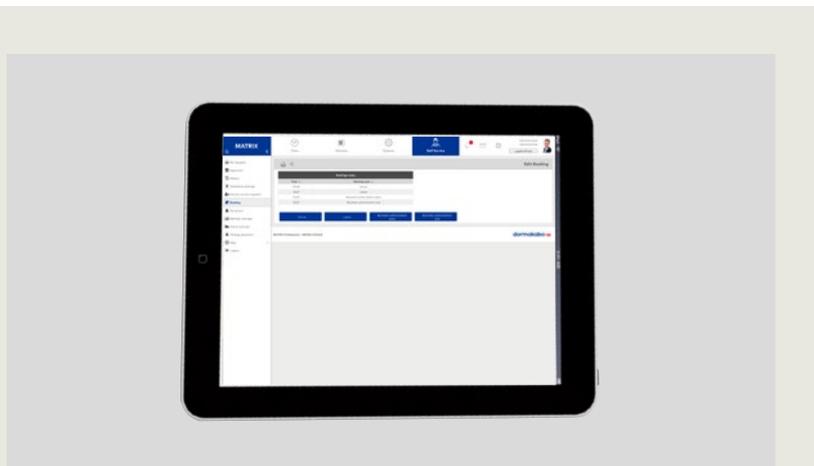
Flexible working time models such as part-time, flexible working hours, home office arrangements or annual or lifetime working time models are just a few of the variants that you can map with MATRIX Professional Connect in your host system such as SAP.





## Independent time recording of employees via web posting

Employee info portal: Every employee can make a web posting via the web portal – even without a time recording terminal. Every employee can interrogate information themselves such as balances, remaining holiday or the display of monthly overviews.



MATRIX records working times flexibly where they occur: at the terminal on site, via web at the workplace, on a laptop or tablet on the road.



Adapted to your needs: The time recording terminals 96 00 and 97 00 can be assigned and configured with functions depending on their use. All common badge reading methods can be used. Operation is intuitive and personal information such as flexitime or remaining holiday can be retrieved. 96 00 and 97 00 can be integrated directly into the network.

## Time recording with MATRIX Professional Connect and your system

- The badge data assigned to the staff master record is read at the terminal at the point of the time posting and is time-stamped.
- This time data is stored in the time recording terminal and made available for transfer to the ERP system.
- The system also functions in the event of a network or power failure and does not lose any data thanks to local processing intelligence and battery-operated emergency power supply (optional).
- Postings via web browser are sent directly to the time recording terminal, stored there and then transferred to the ERP system.
- The further processing of time data, e.g. for salaries, project times, cost centres, etc., takes place in the parent system.

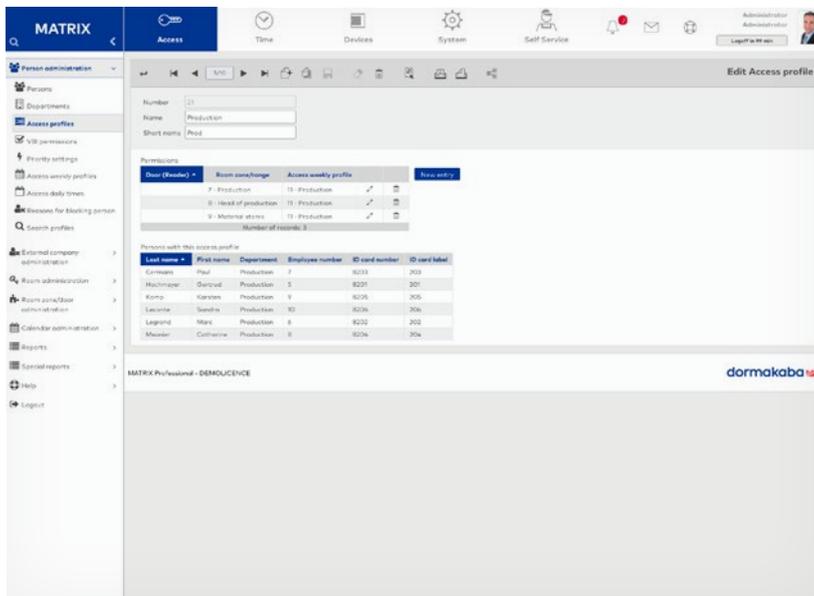
# Security

## Greater security and efficiency

### Expansion of system functions

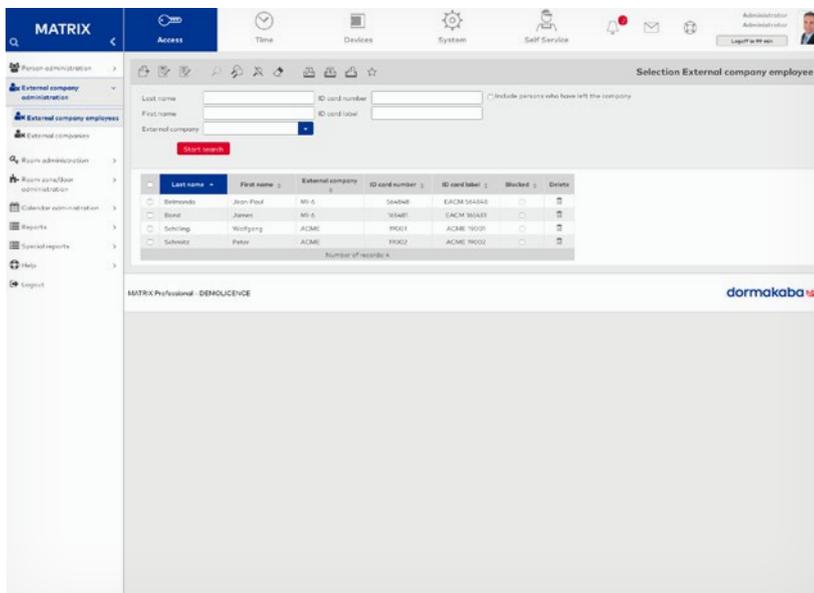
- Badge identification, PIN entry, verification with biometric features
- Transfer of staff master records for the access function; other manually created staff data possible
- Access authorisations can be transferred from SAP
- Integration of vehicles, lifts, lock function, turnstiles, car parks, key depots.
- Wired and wireless access components in one system
- Barrier-free access solutions and separation of persons
- Visitor management
- Web pre-registration
- Visitor badge issuing systems
- Management of external companies' employees
- Access control delimited from the system
- Interfaces to other building management systems
- Alarm system
- Building management
- Video systems





### Secure access to your organisation

Whether it's indoors or outdoors, hardwired online or wirelessly at the door or cabinet lock, as access control or lift control: by expanding your MATRIX time recording with MATRIX access control functions, you can effectively secure access to your premises and buildings.



### Maintain an overview of contractor employees

MATRIX also allows you to integrate external companies' employees, such as cleaning contractors, into the access control system or to grant temporary service providers such as tradesmen access to building areas with time and space restrictions – without losing track of your overview.



### Organise and direct your visitors

MATRIX has an integrated pre-registration function that allows you to manage your visitors stress-free – for you and them: with pre-prepared, personalised visitor badges with access rights to agreed areas, which are automatically deactivated upon expiry and remain traceable at all times.

# System

## Systematically up-to-date

MATRIX is automatically as up-to-date as the parent system.

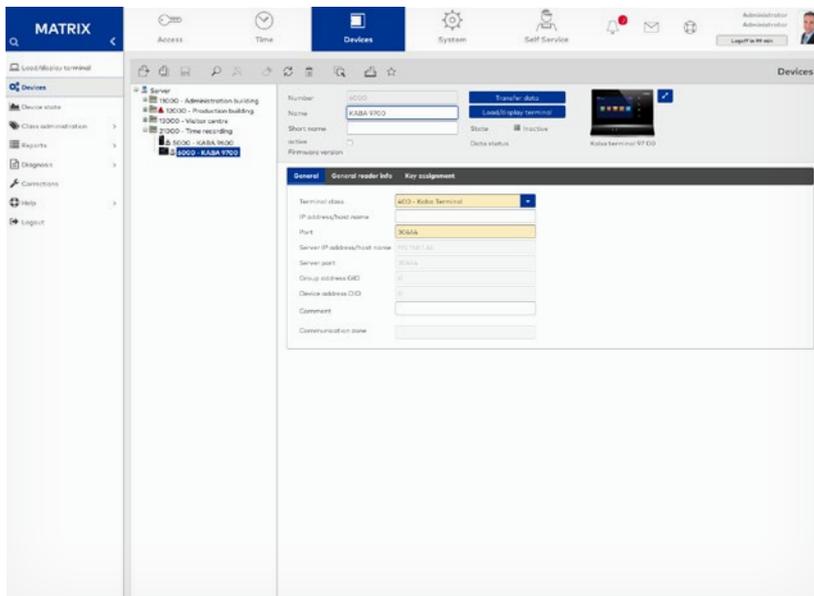
All staff data is reimported during the download and transferred online to the terminals.

Following the principle of "logical deletion", data that is not re-transferred remains in MATRIX, but its functions are blocked. It is deleted after a preset time, or reactivated in the event of a malfunction.

Staff records delimited by the ERP system, e.g. of external companies or visitors, can be entered separately.

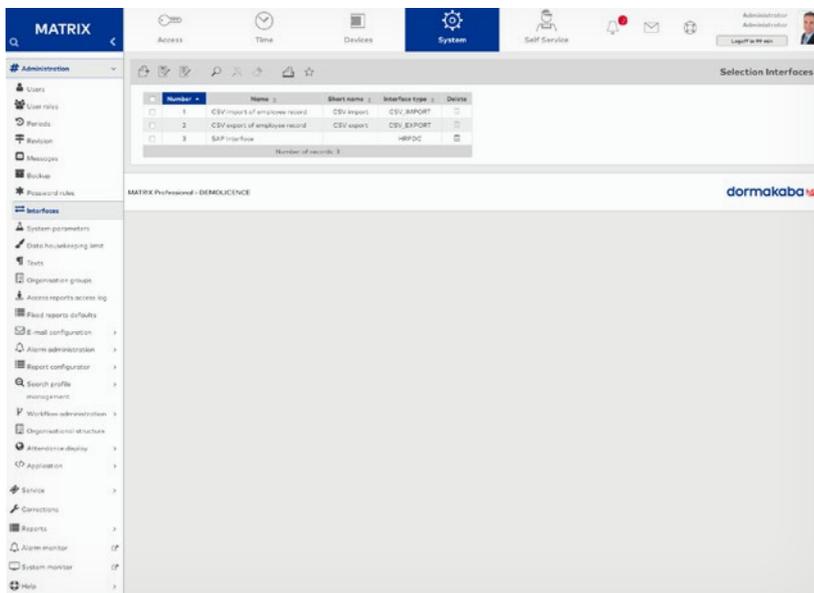
All parameters for communication with the ERP system can be set up via dialogue. If there are several tenants, the assignment of the parent data records to those in MATRIX can be defined in each case.





### Administer and monitor time recording peripherals

Time recording peripherals are administered and monitored via the device management and the system monitor in MATRIX. The connection and data supply status can be viewed at a glance and, in the event of malfunction, a service report can be generated at the push of a button and sent to the dormakaba hotline.



### Integrate additional applications and functions

Other applications and functions from third-party systems can be integrated using the MATRIX dormakaba Integration Manager. We configure the interface for this according to customer-specific requirements so that, for example, messages from the MATRIX system can be transferred directly to intrusion alarm systems or similar.

### Features using the example of the SAP HR-PDC link

- Permanent, automatic interface
- Own staff records possible in MATRIX (e.g. for persons who only require access control and are not transferred from SAP)
- Own MATRIX dialogue for interface parameterisation
- Interface definition for each SAP tenant
- Assignment of SAP staff data to MATRIX staff master record
- Assignment of SAP balances to the MATRIX data model
- Assignment of MATRIX posting types to SAP record types
- Monitoring of the interface by system monitor
- Logical deletion concept for staff records that are no longer transferred from SAP
- Certified for SAP



**Door  
Hardware**



**Electronic  
Access & Data**



**Mechanical  
Key Systems**



**Lodging Systems**



**Entrance  
Systems**



**Interior Glass  
Systems**



**Safe Locks**



**Service**

**dormakaba**  
**International Holding AG**  
Hofwisenstrasse 24  
CH-8153 Rümlang  
T +41 44 818 90 11  
info@dormakaba.com  
www.dormakaba.com