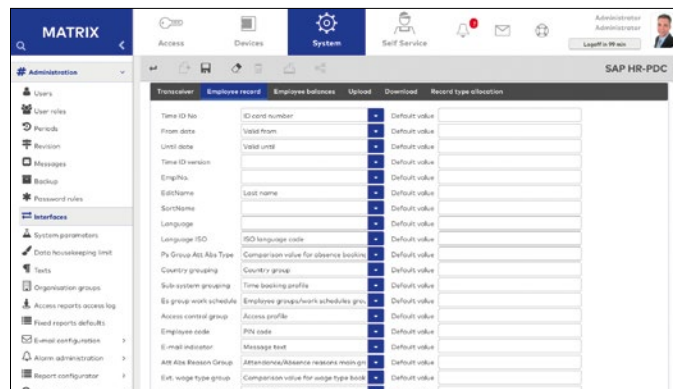


Interface selection



SAP HR PDC interface configuration

The following function classes are available for MATRIX to interact with other systems:

Common staff data:

Import or export takes place according to a defined structure, whereby – in addition to master data – access authorisations, departments and doors with the corresponding door definitions, etc. can be transferred.

Control commands for the terminal peripherals:

The MATRIX peripherals can be influenced in real time by commands from third-party systems. When it comes to controlling doors, commands such as open, permanently open and end permanently open are available.

Transmitting messages:

All events in MATRIX are transmitted in the form of booking log sets. Security-related information – such as intrusion messages – can also be forwarded on to host systems.

Time & attendance systems:

Time bookings registered with MATRIX Professional Connect can be forwarded on to host time & attendance systems. Time & attendance balances provided in the third-party system are transferred to MATRIX.

The interfaces are preconfigured on a project-specific basis together with the dormakaba project engineering teams and activated in the MATRIX system. This creates interfaces that are perfectly adapted to customer requirements.

External commands

Door actions (by third-party systems commands)

Open, permanently open, end permanently open, put person in room zone, change commands

Data import

Staff data management

Departments, badges, staff master data sets, groups of people

Calendar

Calendar, calendar special days

Door management

Doors, door groups, daily door programmes, weekly door schedules

Access control

Readers, key plans, special days, access programmes, weekly access schedule, access profiles, access authorisations for staff master data set

Time recording

Time balances

Data export

Staff data management

Departments, badges, individual authorisations, staff master data sets

Door management

Doors, daily door programmes, weekly door schedules

Access control

Daily access programmes, weekly access schedules, access profiles

Events

Booking log sets with badge number, booking time with date, booking type, and terminal, door and reader number

Time recording

Time bookings

Interfaces/technology

File system/file

For data exchange with the help of files

Database

For data exchange via direct access to the third-party system database

Socket connection

For data exchange via a socket connection

LDAP

For data exchange via an LDAP server

REST web service

For data exchange via the REST-API

Technical specifications

- The MATRIX software can be installed on any up-to-date Windows computer. The scope of delivery includes the H2 databases and SQL Server Express.
- An SQL server or Oracle is purchased and installed by the customer.
- Further details can be found in the system requirements.

Any questions? We would be happy to answer any questions you may have.