dormakaba

dormakaba jay cloud

The dormakaba jay cloud solution is a cloud-based application for access control and attendance recording. It connects the entire dormakaba product portfolio with SAP SuccessFactors Employee Central and the SAP solution for personnel management.

Access permissions of employees are controlled directly and in real time from SAP SuccessFactors Employee Central.

dormakaba jay cloud is based on the SAP Cloud platform and the IoT platform SAP Leonardo. The solution was developed in collaboration with the SAP Co-Innovation Team and with the support of the SAP OEM team. It is already certified by SAP and carries the labels "Co Innovated with SAP" and "SAP Certified – Built on SAP Cloud Platform".

Benefits at a glance

- Direct Integration in SAP SuccessFactors Employee Central: A system is not required any more for access control, attendance recording and device management. The integration makes the server landscape simpler
- Open partner- and platform concept that is based on the SAP innovation platforms
- Simple device integration of access control hardware, attendance recording terminals, digital locking systems
- The user uses his familiar SAP graphical interface, to which he always has access from any-where (PC, tablet, smartphone)
- Integration of third-party systems like visitor administration, alarm systems, video management and building information systems is in preparation

Features

Access control

In this solution, all the physical hardware components are administered and networked on the SAP Cloud Platform by means of the digital innovation system SAP Leonardo. The access permissions are based on the position and the role that an employee has in the company. If his role changes, his access permissions change automatically and immediately. Physical permissions are controlled directly and in real time in SuccessFactors Employee Central. Access permissions are defined and assigned easily and conveniently by the Human Resources department in jay cloud. The connection via the IoT platform SAP Leonardo creates intelligent passageways from the simple door to the turnstile with reader. These intelligent devices can be connected to other devices like a video camera or sensors. Thus, in SAP Leonardo, there are also sensors that, for example, control electricity, light and indoors climate. These devices too return data as IoT into the cloud. Entirely new possibilities are thrown up from this inter-play. The following scenario is thus conceivable: If some-body enters a meeting room by using an access reader, the light, projector and coffee machine can be switched on and the air conditioning system will bring the tempera-ture in the room to the value that has been set before the meeting.
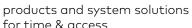
The jay cloud solution offers an open platform concept for integrating interesting partner solutions. Partners provide their own apps and enhance the dormakaba solution, with, for example, visitor management, parking manage-ment, administration of co-working spaces, building management systems, video and alarm systems or cafeteria solutions.

Attendance recording

The posting data recorded at the attendance recording terminals are forwarded to the super-ordinate time management system (SAP SuccessFactors Employee Central Time, SAP HCM or other systems), which then automatically calculates the different time accounts for every employee with the help of individual time models. The employees can independently record attendance or absence and get the latest information about their personal time accounts. The calculation of the time accounts and the billing take place in a continuous, automated process.

products and system solutions
for time & access

software solutions
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software solutions for
HR and ERP systems

Features

- **Organising access permissions and room zones:**
  You can easily and quickly define access permissions, room zones in accordance with your individual requirements in SAP SuccessFactors EC.
- **Recording media:**
  As recording media, you can use RFID identification documents, keychains (can also be combined with PIN input) or fingers as a biometric medium. All media allow simple data recording. If lost, the corresponding media are simply deleted in the system and replacement media are output. dormakaba jay cloud supports the complete media handing process, from issuing new media or a replacement ID, to easily revoking access.
- **Device management:**
  With dormakaba jay cloud, you can have an oversight over all the access components (online and offline components) and attendance recording terminals that you have installed in your company. The integrated system and device monitor can provide you information at any time about the status of the system the system, every individual door, triggered alarms and other events that you have defined.
- **Evaluations / Reporting:**
  Using the corresponding database, it is easy to generate suitable evaluations and reports.
- **Ready-to-use:**
  Thanks to the direct integration, no software installation is necessary.
- **Flexibly scalable:**
  dormakaba jay cloud is fully scalable thanks to the flexible license concept. No matter what the size of your company is, you can customise dormakaba jay cloud to it.
- **Automatic software Updates:**
  You do not have to carry out any more software updates; the solution is always up-to-date and as a result, you are always at the newest and most secure level.
- **Integration of third-party time management solutions and SAP HCM:**
  Thanks to the open, flexible architecture of the solution, time management solutions can be integrated.
- **CardLink function:**
  Using this function, you can easily integrate wireless access components such as digital fittings into your system. The access permissions of the employees are on their access media (in preparation).
- **Biometrics:**
  Thanks to the fully integrated management of the fingerprint biometrics templates in dormakaba jay cloud, you have full control over all the terminals at a central point. Convenient learning at a workplace makes administration of the biometrics easy. Biometric attendance recording terminals as well as the access components with fingerprint readers can be used as hardware (in preparation).
- **Wireless function:**
  You can conveniently integrate wireless access components in your overall system. The wireless solution is the perfect enhancement to wired readers and standalone components (in preparation)

Technical data:

- Using the SAP Cloud infrastructure
- SaaS solution - based on the SAP Cloud Platform
- Clear separation between physical devices level and application level (digital TWIN concept)
- SAP Leonardo (IoT Foundation) as central IoT platform for secure device communication
- Further use of SAP services is in preparation (analytics, predictive maintenance, machine learning)
- **Supported hardware:**
  Access Manager:
  Access manager 92 00
  Access manager 92 30
  Access manager 92 90

  Terminals:
  dormakaba Terminal 97 00
  dormakaba Terminal 96 00
  dormakaba Terminal B-eco
  Kaba Terminal B-web 93 00