

Access Control with jay cloud



Integrate your access control with your SAP-System

With **jay cloud**, companies can conveniently organize their entire access control and time management in their SAP system. There is no need for a third-party system. With jay cloud, companies can manage these important and sensitive tasks easily and with a high level of security - directly from SAP SuccessFactors Employee Central.

Access rights follow employment and are based on an employee's position within the organization. If the position changes, their permissions change automatically and immediately.

- Control access rights directly from SAP SuccessFactors
- Role-based access rights
- Dynamic, shift-based access rights
- Real-time overview of attendances
- Comprehensive media management
- Central device management
- Zone management
- Online/offline door components
- Integration into the security and evacuation concept

Built on SAP Business Technology Platform

jay cloud is a cloud-native "Software as a Service" solution based on the SAP® Business Technology Platform. Thanks to the advanced technology on the SAP BTP, the solution offers **maximum IT security**.

In close cooperation with SAP, we have developed a certified solution for integrating time recording and access control with SAP.

The highlights at a glance

Manage access rights easily and securely

Role-based access control

Employee access rights are controlled directly from SAP SuccessFactors in real time. They are based on the employee's position and role in the organization. When their roles change, their access rights change automatically and instantly (for example, during onboarding or when they change organizations).

Personal access authorizations

You can also assign access permissions to employees directly, either in jay cloud or in SAP SuccessFactors. An employee's access can also be revoked for specific doors.

Real-time overview

You always have an up-to-date overview of the attendance status of all employees and external persons. This is determined based on the last time or access bookings.

Dynamic access control

Access rights can be assigned dynamically and based on shift plans. The employee shift plans are managed in SAP SuccessFactors and synchronized with the connected access devices via jay cloud.

Assign access rights

In jay cloud, access rights are easily defined and assigned to organizational units by the HR department or security officers. All direct and indirect permissions assigned to a person are transmitted to the access devices.



Everything under control

Media management

jay cloud supports a wide range of media: ID cards, with RFID, smart keys, biometrics, license plates, replacement ID cards.

jay cloud supports **Mobile Access** via Digital Key (voucher). Mobile Access is a simple and efficient solution for enabling people to make access or time recording bookings quickly and securely using their smartphone. The smartphone is used like a normal ID medium.

jay cloud supports **CardLink**.

CardLink combines online terminals and mechatronic door components into one efficient access concept. Access authorizations are no longer stored directly in the devices, but are transferred to the employee ID cards via an update terminal – this can also be a time recording terminal. This allows door components to be easily integrated into the overall system without the need for complex data lines, and without additional effort for connection or programming.

Device management

All access and time recording hardware components, such as access readers, electronic door handles and time terminals, are managed centrally in jay cloud.

This includes

- Commissioning and maintenance (security and version upgrades, back-ups)
- Monitoring - notifications in the event of errors, critical states and alarms, e.g. door open too long, device not available, battery level
- Secure communication - devices are securely connected to the SAP Cloud via a router (IoT box) (MQTT, HTTPS protocol with X509 certificate).

An **IoT gateway** connects all devices to jay cloud. It provides secure access to the devices for commissioning, support, maintenance and analysis. It offers additional offline functions for time and access in case the cloud connection is not available.



jay cloud supports your workflows

jay cloud apps



Master Data Management. The user has an overview of the entire hierarchical organizational structure as well as the time and access authorizations of the company and can build up or trace the objects and their relationships to each other in a tree structure.



Employee Management. This application is primarily designed for HR managers and employees. It provides a quick overview of relevant employee master data, ID cards and other access media, as well as current and future access rights. You can assign access profiles and credentials to people and manage their time and access settings.



Booking Viewer. This is where you will find overviews, reports and evaluations of all time and access bookings.
The following booking evaluations are available: all time events and time pairs, all access bookings, shift report



The Security Manager Workplace provides a wide range of reports on people, profiles, media, zones and last bookings for people with security tasks or in the reception area of a company.



Attendance Board. The app provides an overview of the attendance status of all employees and external persons. The status is determined based on the last time or access bookings. The overview can be limited to specific rooms, zones, buildings or locations.



Map- and Floor Plan Viewer

The map viewer allows graphical navigation within a company – from the site plan to the individual device. This way, a system can be monitored from the entire company or countries down to the site, building, room or individual device.



Map- and Floor Plan Viewer

Graphic overview of all time and access devices including monitoring and control functions

Open-door function with web cam, e.g. for the garage entrance

Door status monitor

Call up the door status in the site plan, e.g.

- Door closed
- Only accessible with authorization
- Door open (permanently open)
- Door locked
- Door status unknown

Further integrations for your HR system

Expand your HR system and create added value

jay cloud TIME

Simplify your HR processes with seamless integration of time tracking into your HR system.

Times and activities are recorded at the time terminal, via smartphone or automatically when the door is opened. Time events are transmitted to the SAP system in real time. Errors are reduced through correction options and plausibility checks. This allows working hours to be recorded accurately and flexibly.

For more information, please refer to the factsheet **jay cloud TIME**



jay cloud LIFE SAFETY

Keep an eye on who is on your company premises at all times.

Thanks to the integration of time recording and access control, you are ideally prepared for emergencies. In an emergency, the system enables a quick and orderly evacuation: people are directly registered as safe at assembly points, while the last known location of missing persons provides valuable support for rescue teams. The result is safety and efficiency when every second counts.

For more information, please refer to the factsheet **jay cloud LIFE SAFETY**



jay cloud VISITOR

The solution offers a wide range of functions for visitor planning, check-in and check-out as well as for managing and analyzing visitor data. On arrival, visitors are issued with an ID card that already contains all the necessary access rights. Precise access control allows free and secure visitor traffic with restrictions to specific times and room zones.

For more information, please refer to the factsheet **jay cloud VISITOR**



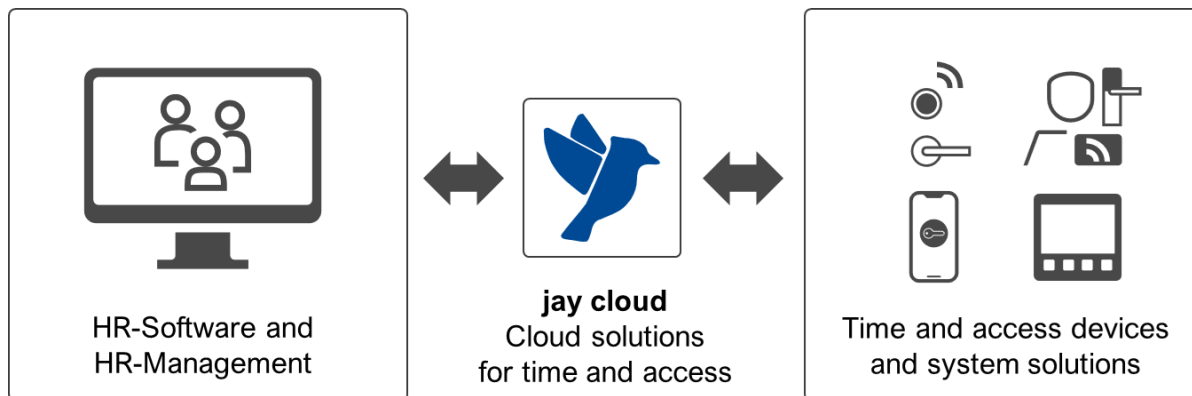
Added value for any HR system

jay cloud jay cloud is available for integration with various HR systems, both on-premise and on-demand. jay cloud also allows you to operate on-premise and on-demand solutions in parallel. jay cloud links organizational management and human resources with security management and the entire device landscape for time tracking and access control.

We will be happy to advise you on integrating jay cloud into your HR system.

jay cloud offers integrated access control for the following systems:

- **SAP SuccessFactors**
- **SAP ERP HCM**
- **SAP S/4HANA**
- **Workday HCM**
- **PeopleXD**
- **Bamboo HR**
- **MS Dynamics - Hubdrive**
- **further HR-solutions**



Do you have any questions?

We will be happy to advise you and look forward to meeting you.

[Make an appointment](#)

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