

# B-COMM ERP 5

## Microsoft dynamics AX

Solutions for Microsoft Dynamics AX users





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Time & attendance  
Shop floor data collection  
Access control



ERP systems



Time &  
attendance



Access control



Shop floor  
data collection

# Data collection integrated into Microsoft Dynamics AX

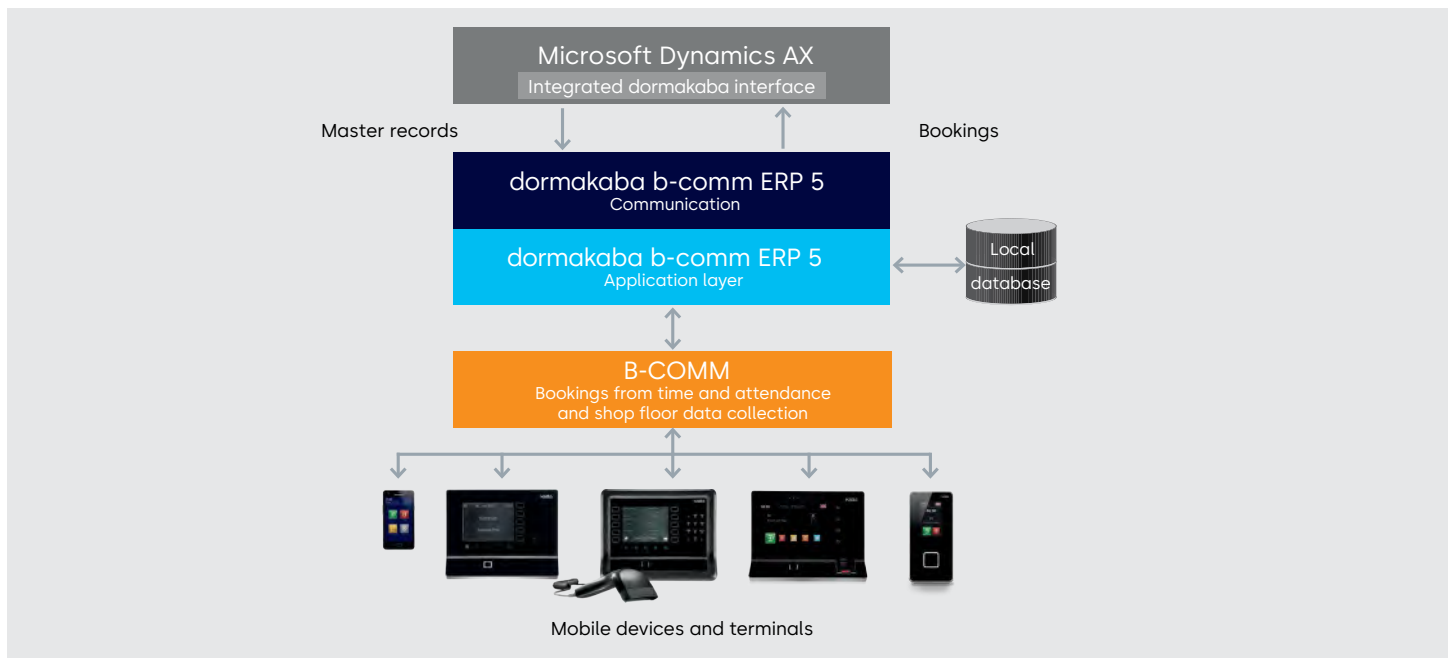
As one of the leading manufacturers of time recording, shop floor data collection and access control solutions, dormakaba is offering a software solution that is integrated into Microsoft Dynamics AX. The solution includes a specially developed user dialogue as well as a web-service-based interface to dormakaba's own middleware, dormakaba B-COMM ERP 5.

## Integration

The solution offers full integration into the Microsoft Dynamics AX system and a simple, automated data flow. Master data maintenance only takes place in Microsoft Dynamics AX as a central location. By processing data in Dynamics AX, all data is available to all relevant personnel. What's more, duplicate data management is avoided, as Dynamics AX has just a single leading system.

## Interface

- Modern web service interface for the exchange of master data and entries between Microsoft Dynamics and dormakaba B-COMM ERP 5
- Fully automated data flow in both directions, requiring no administration by staff
- Management of time, shop floor data collection and access control information in Microsoft Dynamics AX
- Management and entry of master data exclusively in Microsoft Dynamics AX
- Data recording and validation with dormakaba terminals – even when Microsoft Dynamics AX is not available
- Clear display with filter function via dormakaba's own user interface in Microsoft Dynamics AX
- Multilingual interface supports Microsoft Dynamics AX as standard



# What the solution can do for you

dormakaba B-COMM ERP 5 – Microsoft Dynamics AX is the dormakaba solution for time recording, shop floor data collection and access control for Microsoft Dynamics AX.

## The benefits of our solution

- dormakaba B-COMM ERP 5 is completely web-based and easy to use.
- The interface integrated into Dynamics AX by dormakaba makes communication between Dynamics AX and B-COMM ERP 5 both simple and stable.
- Master data is managed and maintained exclusively in the Dynamics AX system. The ERP system remains the leading system. This renders manual or duplicate data maintenance a thing of the past.
- B-COMM ERP 5 is responsible for the management and communication of the dormakaba terminals. This means there is a wide range of hardware available for recording time and shop floor data as well as for access control.
- Quick and easy customer-tailored customization, e.g. response texts, booking dialogues or integration of various badge systems and biometrics.
- Easy to expand by way of additional terminals and dormakaba software modules for time recording and shop floor data collection.

## Automated system operation

A validation logic that has been tried and tested in more than 1700 dormakaba B-COMM ERP 5 installations is also available in dormakaba B-COMM ERP 5 – Microsoft Dynamics AX, guaranteeing fully automatic, error-free operation – and all in the background of course. This means that additional costs for software maintenance, release changes for third-party software and training sessions for system administrators can be almost completely avoided. Our additional software modules are included in the scope of delivery and can be activated via a simple license update.

## You reduce your costs for

- Software maintenance
- Release changes for third-party software and
- Training the system manager on the database version



# Time registration – time is money

Time is money – this expression still holds true, now more than ever. Effective time registration is therefore an absolute necessity in any company. Register operational presence times easily, quickly and conveniently on ergonomically designed terminals and make them available for further processing, all with our time registration solution.

Employees book their working time and at the end of the month they get a correct pay slip. dormakaba works with Microsoft to ensure this. You select the right device for you from our wide range of time and attendance terminals, and then you can forget about time registration for the foreseeable future. This is because our terminals have a long service life and are reliable for many years.

The solution is suitable for all Microsoft Dynamics AX users who want to record working times and process them further. dormakaba B-COMM ERP 5 – Time registration includes device management, alarm management and the booking and master data overview. The booking validation is carried out according to Microsoft requirements.

Additional modules expand the possibilities in terms of time registration according to the employee, reception and manager roles.

HR employee  
HR reception  
HR manager



# dormakaba Workforce Center

## HR Cockpit

Our optional software modules are combined under dormakaba Workforce Center. They are run directly in the web browser and do not need to be installed on your computer. The dormakaba B-COMM ERP 5 registration screens are designed to be modern, clear and very user-friendly. The user is able to use the application very quickly and intuitively. All modules are available in multiple languages, which is a huge advantage for companies operating internationally.



The dormakaba Workforce Center – HR cockpit consists of the three licenses »HR employee«, »HR reception« and »HR manager«.

### **HR employee**

The »HR employee« license authorizes the user to access the WebTerminal and personalized booking overview modules. The »Time registration« module is required, and the number of users must at least match the number of HR employees. This means that each employee can always keep an eye on their times.

### **HR reception**

The »HR reception« licence covers visitor and contractor management, the presence and absence overview and the allocation of replacement badges.

With the »HR reception« package, your reception employees have all the tools necessary to be able to provide information and greet visitors.

### **HR manager**

The »HR reception« license covers visitor and contractor management, the presence and absence overview and the allocation of replacement badges.



# dormakaba Workforce Center

## HR Employee



### **WebTerminal: recording time on the computer**

With the WebTerminal, you can register your presence and absence times quickly, easily and intuitively directly on the computer. The same-colored function keys are available in the standard system as in the stationary recording terminals. In addition, the WebTerminal can be configured as desired. It is possible to set up not only your own functions and symbols, but also your own background images. The employee is shown their time bookings and personal time accounts. In combination with the »dormakaba absence application«, supervisors are informed of additional bookings by email. There is therefore no need for manual registration of additional bookings in your Microsoft DynamicsAX system, thus reducing your work.



### **Booking viewer: bookings at a glance**

In this module you get an overview of all your bookings from time registration, to shop floor data collection, right through to access control.

# dormakaba Workforce Center

## HR Reception



### **Visitor management: a warm welcome for visitors**

Visitor Management is a module for visitor and contractor management. It allows you to manage badges and print visitor passes independently of Microsoft Dynamics AX. This means that someone who is not a company employee can participate in the existing time registration and/or access control systems in the company without their data ending up in the Microsoft Dynamics AX system.

Clearly structured screens ensure simple, time-saving registration. Once saved, data can be used for further visits. Individual reports, e.g. the number of visitors, can be called up at any time.

#### **The Visitor management module offers:**

- Pre-registration of visitors by your employees
- Recording of visitor data as soon as the visitor enters the company premises
- Management of visitor badges and issuing of visitor passes
- An overview of visitors' presence status
- Badge management for contractors, such as cleaning companies or service providers



### **Attendance board: presence at a glance**

The color-coded presence overview allows you to see which employees are present or absent at a glance. Using this overview, the telephone switchboard can always provide correct information, for example. It is possible to respond to unexpected absences quickly. The Attendance Board forms the basis for the evacuation list (roll call). In the event of an emergency, the system provides the rescue teams with emergency lists containing the names and information on the last known whereabouts of missing persons.

# dormakaba Workforce Center

## HR Manager



The HR manager license contains all modules from HR reception and HR employee, as well as the HR supervisor function with access to the booking overview and master data.

### **HR supervisor: bookings under control**

This module allows supervisors to record, correct and release the HR bookings of their employees before they are transferred to the Microsoft Dynamics AX system. The bookings are only loaded once the data has been released. This prevents errors from entering the Microsoft Dynamics AX system in the first place, thus avoiding any complex reworking. In addition, supervisors always have a precise overview of the presence of their employees.







## Shop floor data collection – Secure your competitive advantages

With the help of shop floor data collection, you can constantly screen and optimize your cost structures and production processes. As a company, you always want to know how busy your manufacturing line is, where you are with orders and what the individual orders are costing you. For that you need precise figures. An SFDC system can provide you with exactly that information.

It records all relevant order data, which is promptly made available to the Microsoft Dynamics AX system. This means you can avoid duplicated data recording and maintenance. Evaluations in the Microsoft Dynamics AX system ensure constant transparency.

Report for standard process  
TRS WebTerminal



# More efficiency with shop floor data collection

dormakaba B-COMM ERP 5 – Microsoft Dynamics AX is a modular sub-system for order data collection. The shop floor data accrued within the company is recorded on the dormakaba terminal, validated in dormakaba B-COMM ERP 5, and transferred to Microsoft Dynamics AX. The transfer takes place via a web service interface developed by dormakaba and integrated in AX. The system provides convenient and simple dialogues which are tailored to the employee and require very little training time. This reduces recording time and means incorrect entries can be avoided.

Constant synchronization guarantees a high level of data security, and the data in the ERP system is always up-to-date. Data maintenance and calculation exclusively takes place in Dynamics AX. Even the basic version of dormakaba B-COMM ERP 5 supports a number of booking possibilities.

## The dormakaba solution includes

- Order processing – start, end, interruption
- Order quantity notification
- Auto start/stop function
- Registration of coming/leaving times with or without reason
- Register breaks
- Change code booking
- Personal time account display
- Feedback on production jobs
- Set-up times
- Processing times
- Yield
- Change of workplace
- Project time recording
- Feedback on indirect orders
- Coupling of time registration/SFDC
- Expanded employee master data
- Access control group for controlling access authorizations in dormakaba B-COMM ERP 5
- Time event group for determining entry types on dormakaba terminals
- Terminal group for defining general authorizations on dormakaba
- Freely editable terminal dialogue via the graphic editor
- Multilingual interface

## Advantages at a glance

- Greater transparency in production
- Up-to-date information about order progress and status at all times
- Improvements in the production process
- Shorter throughput times
- Reduction of overhead costs and idle times
- Better adherence to deadlines and an increase in customer satisfaction
- Precise data for calculations

# What our modules do for shop floor data collection

In addition to the standard scope described, there is a whole range of useful supplementary modules which make your SFDC system even more effective.



## Report for standard process module

### Allocating idle times

This allows you to automatically record the »unassigned times« of an employee. These are added to an overhead order which is created for the particular employee. You can decide the time from which unassigned times should be calculated. If the employee exceeds the specified relevant period between their arrival and starting a job or between finishing a job and starting their next one, the non-productive time is added to the defined overhead order. This allows idle times to be automatically classified and »filled« with an activity. As a result, you can ensure maximum concordance between the recorded order times and the amount of time that the employee was actually present.

## TRS WebTerminal module

### TRS WebTerminal SFDC: recording data on the computer

The TRS WebTerminal SFDC allows employees to check orders in and out from the comfort of their own PC workstation. It can also be used to register order data directly on screen and feed this back into the dormakaba B-COMM ERP 5 system. The system then manages and processes this data in the same way as it handles data booked using stationary terminals.

# Access control – So that you are safe

**Who has access where, when and for how long? How can I ensure that only selected persons have access to certain parts of the company?**

Security aspects and uniform authorization management are increasingly important in companies. By using access control from dormakaba, you control the monitored access to the company premises, buildings and rooms. We offer you the right solution for the appropriate hardware. All products can be intelligently combined and easily integrated into your Microsoft Dynamics AX system.

exos 9300

exos Connector

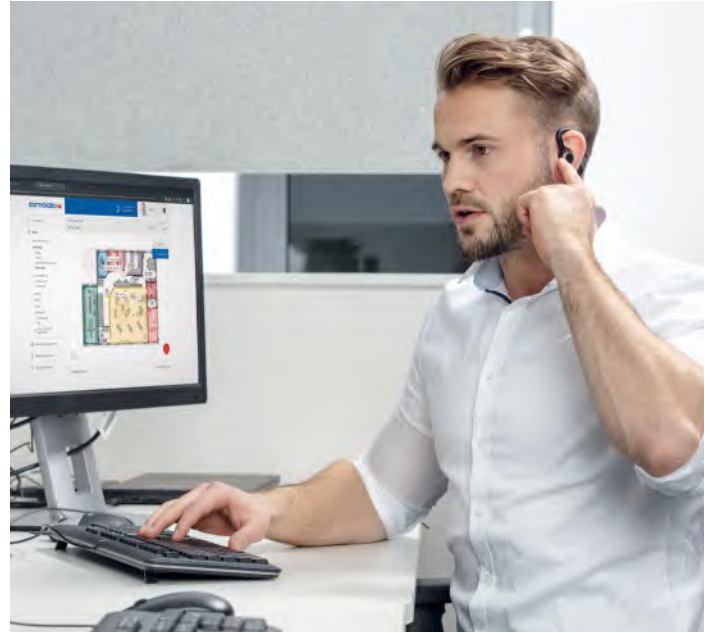


# What our modules can do for access control



## **dormakaba exos 9300: comprehensive access management**

If you wish to organize access control outside of Microsoft Dynamics AX, you have the option of using the access management system dormakaba exos 9300. dormakaba exos 9300 is an integrated access management system that takes a holistic approach to security. This gives you the flexibility to coordinate and easily manage all access rights from one central location or from several locations. The system offers a range of scalable and smart modules that can be easily adapted to your specific needs, including authorization management, visitor management, car park management and much more.



## **dormakaba exos Connector: simple data exchange**

This interface provides you with the Microsoft Dynamics AX master data for validation of access bookings in your dormakaba exos access system. A web service is responsible for receiving the master records and balances. This means that the dormakaba exos access system is always in a position to take master records from dormakaba B-COMM ERP 5 and process them. The interface also takes over the bookings from the terminals, to then validate them via the dormakaba B-COMM ERP 5 solution.



# Our services –

## The basis for a good partnership

Our aim is to support you with a comprehensive range of services over the course of a long-term partnership, from the initial contact to advice, right through to the planning and timely implementation of your project.

### **Organizational consultancy**

When designing a complete solution, we provide you with advice in line with your individual requirements.

### **Project planning**

We provide you with the know-how required to implement a comprehensive and perhaps even international project. We're with you through the whole process, from the on-site inspection and the recommendation of organizational structures, right up to the planning of the steps necessary for timely project implementation.

### **Installation and putting into operation**

Our technicians install your terminals, implement the Microsoft Dynamics AX interface, carry out customizing and put the system into operation. Your employees will be informed about and acquainted with the circumstances. Once successful test runs have been completed, the entire system is handed over.

### **Training**

We offer you a comprehensive range of training sessions on the technology and use of terminals, the communication software dormakaba B-COMM ERP 5 – Microsoft Dynamics AX, and the additional modules. We would be happy to draw up an individual training plan for you.

### **Maintenance**

We have an extensive servicing organization available for maintenance of the installations. Highly qualified technicians will be available on location within a guaranteed response time. Around the world, we guarantee customer support via our own companies and service partners in the area. The spare part express service and repairs service minimize downtime.

### **Hotline service**

Our hotline employees will be happy to respond to any questions you may have about our products and the Microsoft Dynamics AX interface. A rapid and professional response will ensure your system remains stable and highly available.

### **Our services**

- Organizational consultancy
- Project planning
- Installation and putting into operation
- Training
- Maintenance
- Hotline service







### **Access Automation Solutions**

Entrance Automation  
Entrance Security



### **Access Control Solutions**

Electronic Access & Data  
Escape and Rescue Systems  
Lodging Systems



### **Access Hardware Solutions**

Door Closers  
Architectural Hardware  
Mechanical Key Systems



### **Services**

Technical Support  
Installation and commissioning  
Maintenance and Repair



### **Key & Wall Solutions**

Key Systems  
Movable / Sliding Walls



### **Safe Locks**

Electronic Safe Locks  
Mechanical Safe Locks  
Boltworks and Accessories



### **Glass systems**

Manual door systems  
Glass fittings  
Horizontal Sliding Walls

## **Our Sustainability Commitment**

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

<https://www.dormakabagroup.com/en/sustainability/product-declarations>.

