dormakaba

dormakaba b-comm ERP – Microsoft Dynamics AX Solutions for Microsoft Dynamics AX users

Time & attendance
Shop floor data collection
Access control

ERP systems
Time & attendance
Access control
Shop floor data collection

Lift

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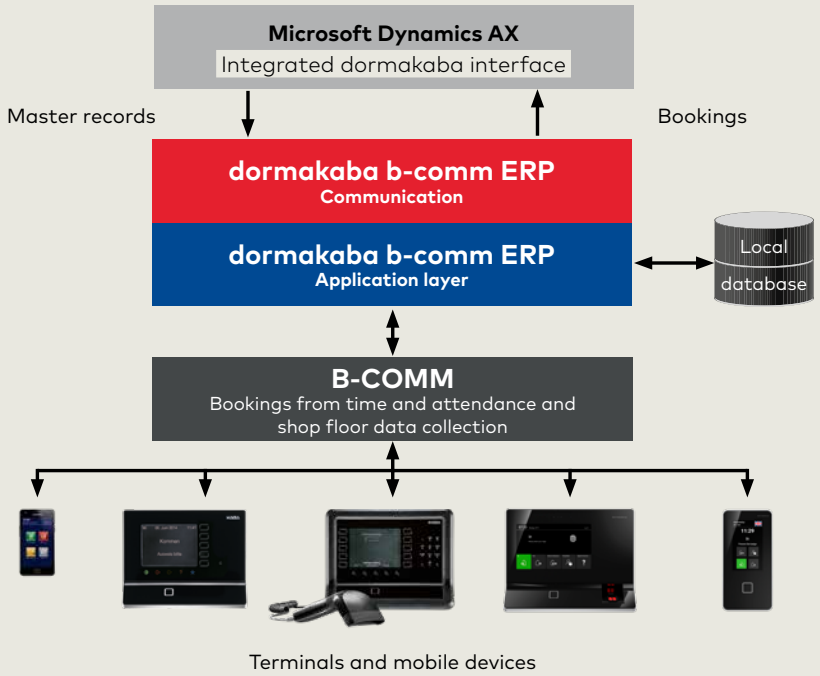
Data collection integrated into Microsoft Dynamics AX

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.

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
- 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

The system structure



Terminals and mobile devices

What the solution can do for you

dormakaba b-comm ERP – 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 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 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 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 customisation, 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 installations is also available in dormakaba b-comm ERP – 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 licence 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 – 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
07:33 Monday, 05-19
english
In
Please present your finger.
In
Out
External absence
Timesheet
Special function

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 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 licences "HR employee", "HR reception" and "HR manager".

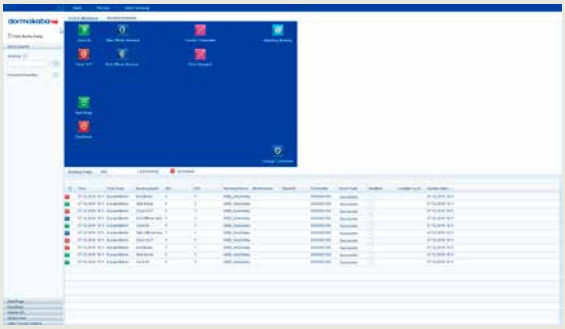
HR employee
The "HR employee" licence authorises the user to access the WebTerminal and personalised booking overview modules. The "Time registration" module is required, and its number of users must at least match the number of HR employees. This means that each employee can always keep an eye on their 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.

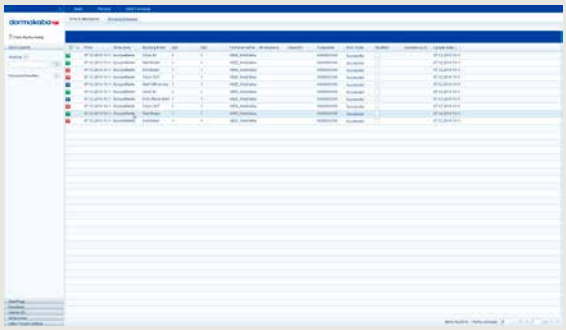
HR manager
The "HR manager" licence includes the functions for "HR employee" and "HR reception". With the "HR supervisor" function, your HR officers can manage time resources effectively in your teams, as the HR manager has access to the booking overview and the master data of the employees assigned to them.

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 coloured 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 "dormakaba absence application", supervisors are informed of additional bookings by e-mail. There is therefore no need for manual registration of additional bookings in your Microsoft Dynamics AX 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.

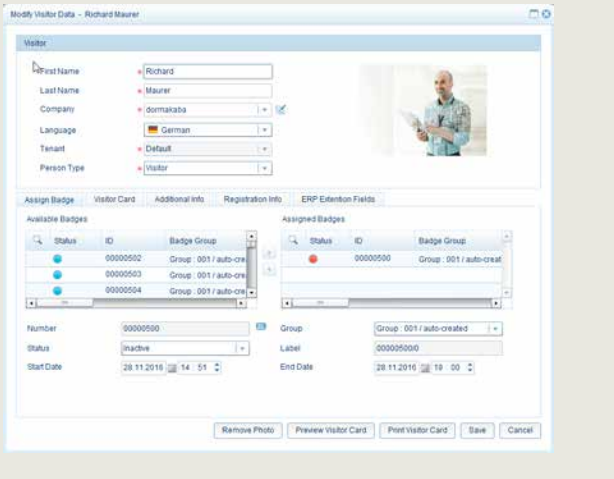


dormakaba Workforce Center
HR reception

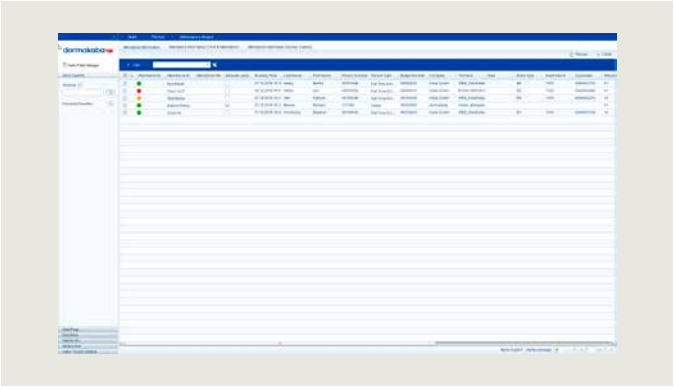
Visitor Management: a warm welcome for visitors
Visitor Management is a module for visitor and contractor management. It allows you to manage badges and print visitor passes independently of Microsoft Dynamics AX. This means that someone who is not a company employee can participate in the existing time 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

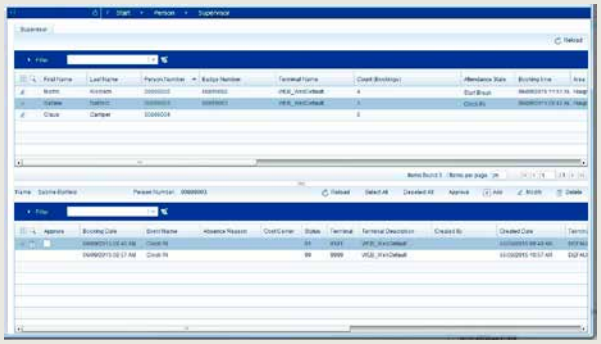


Attendance Board: presence at a glance
The colour-coded presence overview allows you to see which employees are present or absent at a glance. Using this overview, the telephone switchboard can always provide correct information, for example. It is possible to respond to unexpected absences quickly. 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

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.



The HR manager licence 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.

Shop floor data collection – secure your competitive advantages

With the help of shop floor data collection, you can constantly screen and optimise 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 Web Terminal

KABA
Betriebs-Daten-Erfassung
S2
S3
S4
S5

More efficiency with shop floor data collection

dormakaba b-comm ERP – 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, 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 synchronisation 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 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
- Time event group for determining entry types on dormakaba terminals
- Terminal group for defining general authorisations on dormakaba terminals
- Freely editable terminal dialogue via the graphic editor
- Multilingual interface

Advantages at a glance

- reater 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

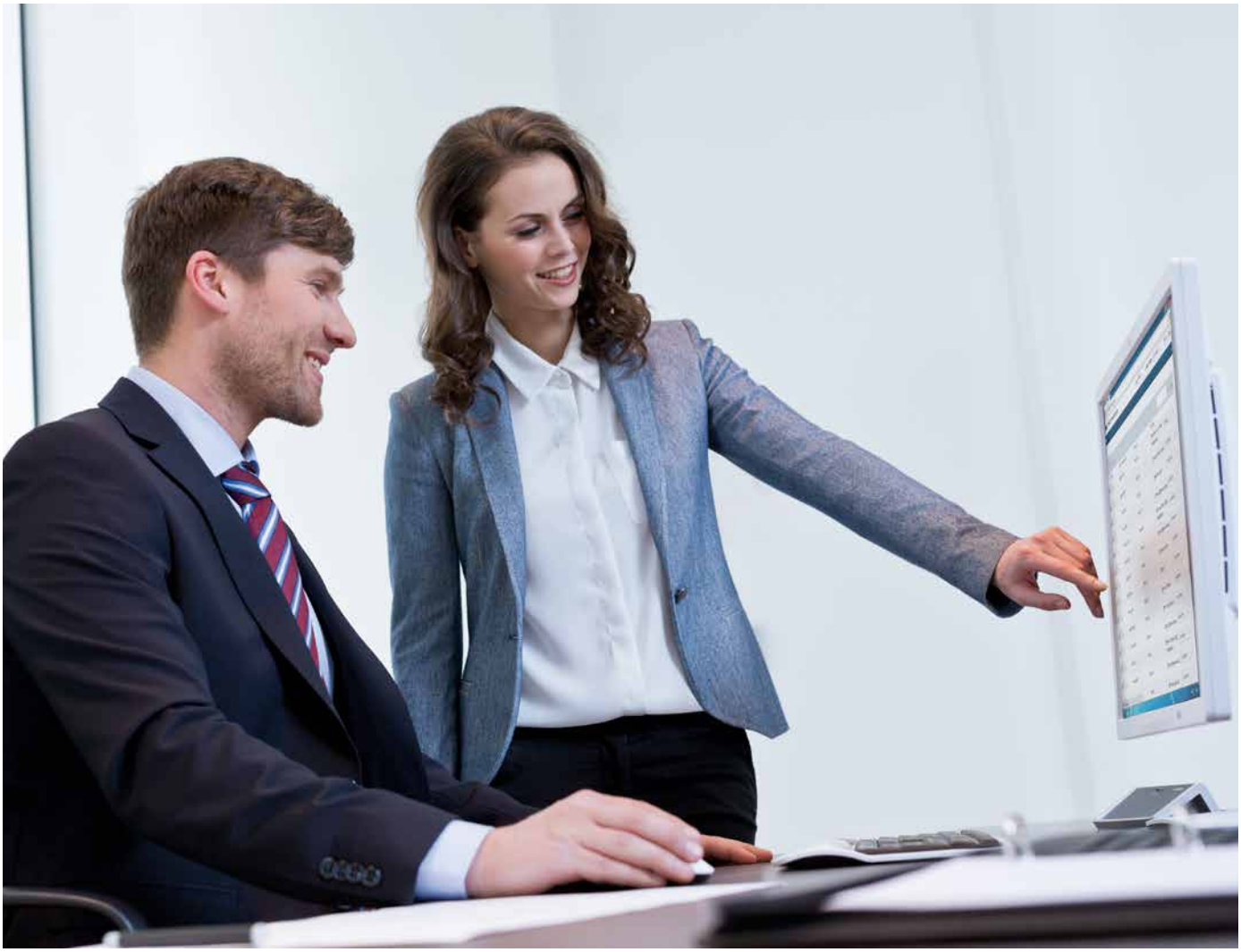
In addition to the standard scope described, there is a whole range of useful supplementary modules which make your SFDC system even more effective.

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 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.

Kaba exos 9300

Kaba exos Connector

What our modules can do for access control

Kaba exos 9300: comprehensive access management
If you wish to organise access control outside of Microsoft Dynamics AX, you have the option of using the access management system Kaba exos 9300. Kaba 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.

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

Organisational 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 organisational 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 customising 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 – 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 organisation 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 minimise 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

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

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