

Kaba b-comm ERP 5 – 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, Kaba 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 Kaba's own middleware, Kaba b-comm ERP 5.

Integration

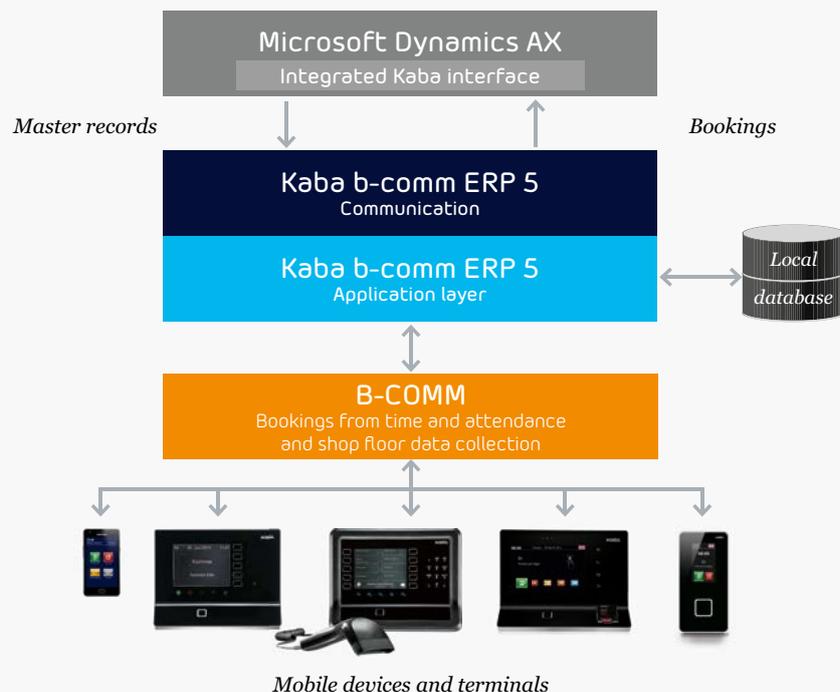
The solution offers full integration into the Microsoft Dynamics AX system and a simple, automated data flow. Master data maintenance only takes place in Microsoft Dynamics AX as a central location. By processing data in Dynamics AX, all data is available to all relevant personnel. What's more, duplicate 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 Kaba 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 Kaba terminals – even when Microsoft Dynamics AX is not available
- Clear display with filter function via Kaba's own user interface in Microsoft Dynamics AX
- Multilingual interface supports Microsoft Dynamics AX as standard



What the solution can do for *you*

Kaba b-comm ERP 5 – Microsoft Dynamics AX is the Kaba solution for time recording, shop floor data collection and access control for Microsoft Dynamics AX.

The benefits of our solution

- Kaba b-comm ERP 5 is completely web-based and easy to use.
- The interface integrated into Dynamics AX by Kaba 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 Kaba 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 Kaba 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 Kaba b-comm ERP 5 installations is also available in Kaba 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 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. Kaba 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. Kaba 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



11:19

Thursday June 11, 2015



Apps

KABA



In



Out



Break



Time sheet



Browser

KABA



Kaba Workforce Center

HR cockpit

Our optional software modules are combined under Kaba Workforce Center. They are run directly in the web browser and do not need to be installed on your computer. The Kaba 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 Kaba 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.

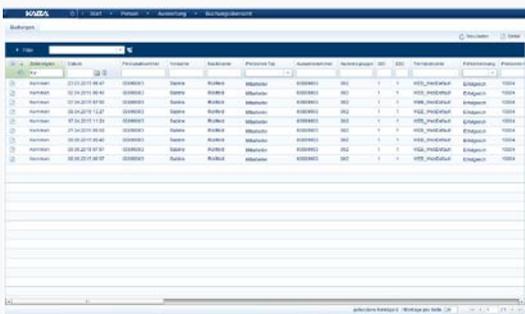


Kaba Workforce Center *HR employee*



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 »Kaba 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.

Kaba Workforce Center HR reception

Status	ID	Ausweisgruppe
Aktiv	90009963	Besucher

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.

Name	Position	Abteilung	Ort	Startzeit	Endzeit	Status
Köhler	Leiter	Technik	Sachz	09.06.2015 09:00		Present (Green)
Gärtel	Leiter	Technik	Sachz	09.06.2015 09:00		Absent (Red)
Köhler	Leiter	Technik	Sachz	09.06.2015 09:00		On Leave (Yellow)
Phasen Leiter	Leiter	Technik	Sachz	09.06.2015 09:00		Present (Green)

Kaba Workforce Center *HR manager*

The screenshot displays the KABA HR manager interface. The top section shows a list of employees with columns for Personalnum., Ausweisnum., Vorname, Nachname, An-/Abwesen., Buchungs., Kommen., Oshen, and Terminal. Below this, a detailed view for 'Jürgen Schiff' (Personalnummer: 0009909) is shown, including a table of bookings with columns for Buchungsdatum, Sitzzeit, An-/Abwesen., Kistenstelle, Terminal, Terminal Beschreib., Erstellt von, and Erstellt von (Name).

Personalnum.	Ausweisnum.	Vorname	Nachname	An-/Abwesen.	Buchungs.	Kommen.	Oshen	Terminal
0009905	0000162	Peter	Machris	Abwesend				
0009906	0009906	Hans Jörg	Ullhauser Frei	Abwesend				
0009906	0009906	Jürgen	Schiff	Abwesend				
0009906	0009906	Karl	Buchner	Abwesend				
0009910	0009910	Alfred	Freytag	Abwesend				

Buchungsdatum	Sitzzeit	An-/Abwesen.	Kistenstelle	Terminal	Terminal Beschreib.	Erstellt von	Erstellt von (Name)
08.10.2013 07:48		KOMMEN					
08.10.2013 16:38:12		GEHEN		9999	Web Terminal [1:1]		
08.10.2013 17:59:02		KOMMEN		9999	Web Terminal [1:1]		
07.10.2013 17:05:56		GEHEN		9999	Web Terminal [1:1]		
07.10.2013 17:52:40		KOMMEN		9999	Web Terminal [1:1]		

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.

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 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 WebTerminal

More efficiency with *shop floor data collection*

Kaba 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 Kaba terminal, validated in Kaba b-comm ERP 5, and transferred to Microsoft Dynamics AX. The transfer takes place via a web service interface developed by Kaba 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 Kaba b-comm ERP 5 supports a number of booking possibilities.

The Kaba 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 Kaba b-comm ERP 5
- Time event group for determining entry types on Kaba terminals
- Terminal group for defining general authorisations on Kaba terminals
- 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 Kaba 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 Kaba, 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



97 04

What our *modules* can do for access control

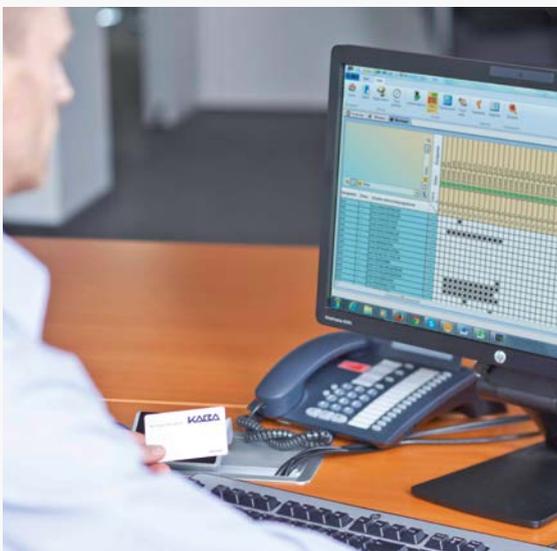


Kaba exos 9300: comprehensive access management

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 Kaba b-comm ERP 5 and process them. The interface also takes over the bookings from the terminals, to then validate them via the Kaba 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.

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 Kaba 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 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

BEYOND SECURITY

