



B-COMM[®] ERP 4.0 for Use with SAP ERP

Solutions for SAP applications – time attendance, shop floor data collection, access control



SAP and Kaba – a successful partnership

For more than two decades, we have maintained an intensive partnership with SAP. Each partner focuses on its core competences, SAP on the ERP system as a whole and Kaba on the data collection required for this. The result are successful, certified subsystems for time attendance, shop floor data collection and access control. The Kaba solutions can be fully integrated into your SAP system and will run fully automatic in the background. Through the consistent further development of the SAP interface, we always support the latest communication technologies from SAP. Our goal has always been to be the first to accommodate new programs and technologies, and to offer the user an optimum solution for data collection with SAP. This has become possible through our close cooperation with SAP. That our strategy is the right one, is shown by our customers' feedback. Many of our 1,300 SAP customers explain their decision with "We are always up-to-date with Kaba". Measure us against your high requirements.



Why you should choose us as your SAP partner

Experience

For more than 20 years, we've been a successful player in the SAP market. Our solutions are continuously developed further in close cooperation with SAP and SAP partners, focusing on the needs of SAP customers for their enterprise data collection. For more than 1,300 companies from all sectors, we have implemented SAP projects profitably. You can trust this experience.

Consulting

Qualified application consultants work out your individual solution, together with you and your SAP consultant. Moreover, a high-motivated team of specialists for SAP interfaces, communication and technology of our terminals is available for you.

Internationality

We operate all over the globe. This fact distinguishes us considerably from our competitors. The more than 1,300 Kaba installations in the SAP market are spread over all continents. In more than 60 countries - in all continents - satisfied SAP users are counted among our customers. Comprehensive customer service is provided by our own local companies or by partners.

Software

B-COMM ERP 4.0 for Use with SAP ERP is constantly adapting to new SAP program developments and is therefore always up-to-date. In addition, we offer a large number of useful add-ons, making up a modular system of highly flexible software solutions to complement and optimize your application.

Hardware

New web technology has helped us to integrate terminal functionalities and data processing into an innovative over-all system. The Java applications on our new terminals communicate with any web pages, web databases, mobile phones, or mobile data collection devices. They are well prepared also for the employee self service (ESS).

Investment protection

Our up-to-date, efficient and compatible product range will protect your investments for many years to come.

Partner alliances

If your requirements exceed the standard, they can be met by our partner solutions.

Quality

Kaba develops and manufactures all components using a certified quality management system according to DIN EN ISO 9001:2000. Using modern production methods and processes, our dedicated employees have committed themselves to the goal of meeting the quality requirements without compromise also in the future.

We offer you

- **support during the development of your solution by qualified consulting and conception.**
- **ideally matched hardware and software components. All this ensures functional reliability on a sustained basis.**
- **high installation quality and qualified support at any time. This minimizes your implementation costs.**



Our areas of expertise

We are specialists for enterprise data collection. How does this benefit you? You get, for example, a database that is always up-to-date, allowing you to make decisions immediately.



Time attendance - time is money

This saying is still true, today even more so than in the past. This is why an effective time attendance is an absolute must for any company. Collecting the company attendance simply, quickly and conveniently on ergonomically designed terminals and transfer them for further processing - that is what our time attendance SAP subsystem can do. Your employees enter their working hours contactless and receive a correct pay slip at the end of the month, this is what Kaba in combination with SAP makes sure of.

You don't have to worry about that any more. You just choose from our wide range of time attendance terminals the one that's right for you, and you can forget the subject time attendance for some time. As a matter-of-fact, our terminals are fail-safe and durable and will do their job reliably for many years to come.

Shop floor data collection - get the competitive edge

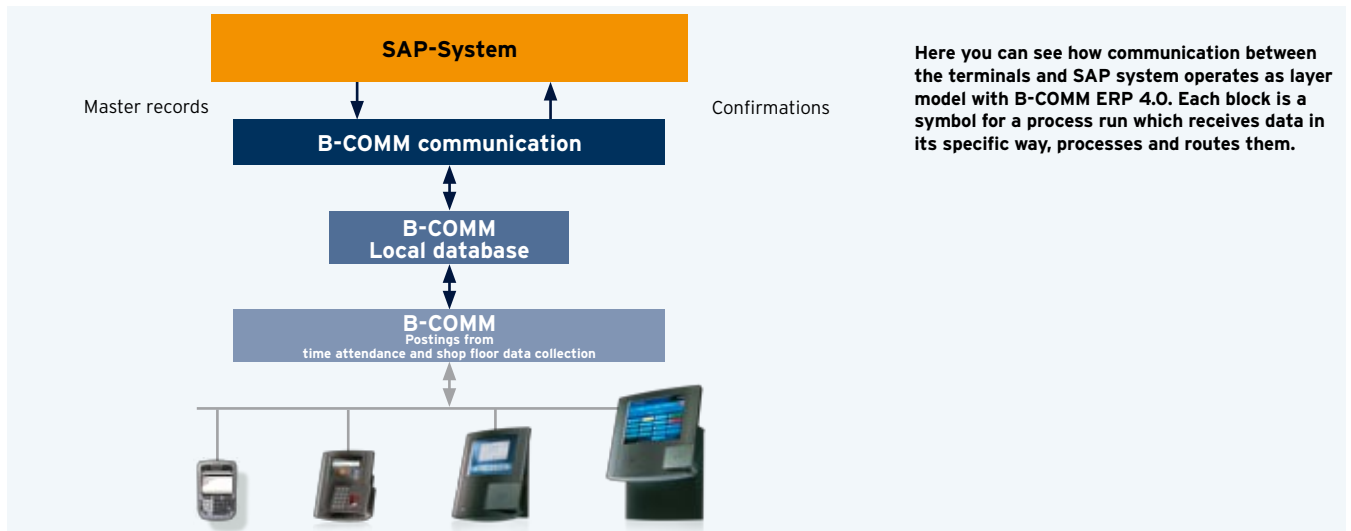
A company must have its costs under control. You have to know on a daily basis to what extent your capacity has been utilized, what stage you're at with your orders and what the individual orders will cost. For this, you need exact numbers. This data is delivered by our shop floor data collection system. All relevant job data are collected and made available optimally to the already existing SAP system. This avoids double entries and duplicate maintenance of data. Analyses at the touch of a button ensure continuous transparency. Once an order is completed, the system promptly supplies the figures for the post-calculation and thus provides a basis for future calculations. This gives you a better idea of how much profit a future job will bring you.

Shop floor data collection allows you to examine your cost structures and production processes and continuously optimize them. This will give a valuable competitive edge. Thus, your company will continue to be successful also in the future.

Access control - to let you know "who-when-where"

Who has access where, when, and for how long? Has someone tried to gain access without being authorized? How can I make sure that only selected persons have access to certain company divisions? This question is answered by our holistic solution to access control. Play safe - give a defined group of people time-limited access rights for certain buildings, rooms or areas. To achieve an overall solution, it is recommended to integrate access control into other company divisions through a joint identification medium. For the implementation of such advanced access concepts, we want to be your partner. We offer you matching hardware and the relevant communication solutions. All products can be combined intelligently and integrated into existing SAP systems without any problems.

In the background, but always up-to-date – communication with B-COMM ERP 4.0



Here you can see how communication between the terminals and SAP system operates as layer model with B-COMM ERP 4.0. Each block is a symbol for a process run which receives data in its specific way, processes and routes them.

The implementation of data collection systems requires them to be integrated into IT structures. Your data must be collected, transferred and also processed reliably. Our terminals and components equipped with advanced communication technologies are highly suitable for this. To configure a collection system, you will use identical links and wirings, interfaces and uniform parameterization and programming of the products. For integration into your IT structures under different operating systems, connection to all standard computer systems and integration into networks, we provide the powerful communication solution B-COMM ERP 4.0.

B-COMM ERP 4.0 for Use with SAP ERP is the software which links a Kaba subsystem for time attendance, shop floor data collection and access control to your SAP ERP solution. The key feature of this software application is the SAP-certified interface, which ensures faultless data transfer between the individual SAP modules and collection devices. The system works autonomously in the background.

The interface is continuously kept up-to-date by means of new SAP program developments. Thus, the solution also allows communication with SAP applications via the SAP XI Server. B-COMM ERP 4.0 for Use with SAP ERP is the first subsystem with SAP-certified integration for XML- (eXtensible Markup Language), ALE- (Application Link Enabling) and XI-functionalities. The software supports communication under the Microsoft Windows XP, Server 2003, Server 2008, Vista und Windows 7 operating systems.

Hess AG
www.hess.eu

"We want to know on a daily basis at what stage we are with our orders and what the individual orders will cost us. We were looking for a SAP-certified system that avoids double entries and duplicate maintenance of data. With Kaba, we opted for a market leader in this area that has a great deal of experience."

Friedrich Stromberger
Project Manager Hess AG

B-COMM ERP 4.0 for Use with SAP ERP – new technology to reach your goal more quickly

The B-COMM ERP 4.0 program package is a communication software for time attendance, shop floor data collection and access control. It is designed for connection to the HCM (Human Capital Management), PP (Production Planning), PM (Plant Maintenance), PS (Project System), CO (Controlling) and CATS SAP ERP modules.

B-COMM ERP 4.0 fulfills the tasks of a subsystem and relieves the superior SAP system from important tasks and work. To this end, it runs all necessary dialogs with the peripherals and checks incoming data against SAP standards.

To do this, plausibility data, such as the employee master record, is received by the SAP ERP system. The booking data received by the terminal are validated by means of plausibility data and then transmitted to the SAP system.

The certified development, which was specifically adapted to the SAP requirements, offers optimum integration into this system environment.

The new SAP solution B-COMM ERP 4.0 for Use with SAP ERP due to its newly designed user interface, offers a user-friendly solution for time attendance, shop floor data collection and access control. Thus, all processes have now been converted to the J2EE Java technology. The advantage of this is that the applied technology uses one language from the terminal communication to the connection to SAP. The version 4.0 has been certified for the HR-PDC interface of SAP.

The user interface has also been redesigned modern and updated in parallel to the basic software. The user interface is browser-based and therefore runs on Mozilla Firefox, Microsoft Internet Explorer, Safari, Opera and Google Chrome.

Additional service from experience

As a result of our experience from hundreds of international installations, we have developed add-ons for the B-COMM ERP 4.0 for Use with SAP ERP communications software. These add-on modules cover functionalities that are not provided within the SAP system, but are needed by companies in their daily operational processes. The solution's modular architecture allows us to implement only the modules that are actually needed.

Modular functionality

The add-ons are designed as intranet applications, and run entirely in Mozilla Firefox, Microsoft Internet Explorer, Safari, Opera and Google Chrome. We apply state-of-the-art standards such as http and XML.

Straightforward installation and use

The same is true of possible databases. Standards such as MS SQL Server or Oracle are used. It is irrelevant which SAP release is used.

The graphic interfaces of the add-on modules are modern, clearly arranged and have been designed very user-friendly. The user can operate the application very quickly and intuitively. All add-on modules are multi-lingual – a tremendous advantage for global players.

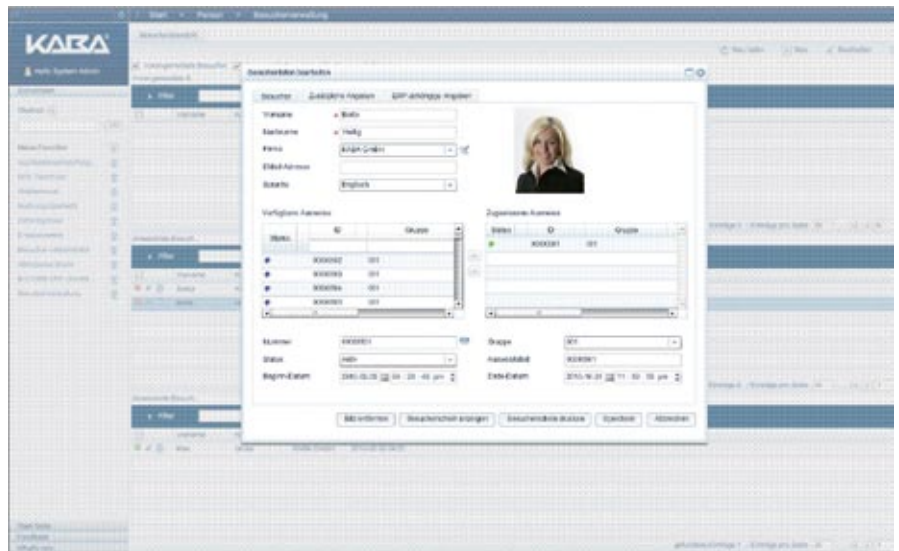


SAP® Certified
Integration with SAP Applications

What our add-on modules can do

All add-on modules are executed directly in your web browser and do not have to be installed on your computer. Data exchange between the terminals and the system used is encrypted. This guarantees high data security.

Using a uniform interface for all modules allows the administrator of the system to assign each user precisely the privileges that his work requires. Modules the user is not authorized for will not even be displayed to him. This makes for very easy and quick navigation in the Web Client, allowing the user to find exactly the input or information screen he requires.



Visitor Management

Visitor Management is a module for visitor and contractor management. It allows you - independently of SAP - to generate and administer identification badge numbers and visitor cards. This allows a non-employee to take part in the company's time attendance and/or access control, without his or her data reaching the SAP system. Different mask profiles can be stored for the individual users, thus making data input very easy and quick especially in the reception area.

The user sees only input fields that he or she really needs.

The Visitor Management module was developed with its primary focus on the following applications:

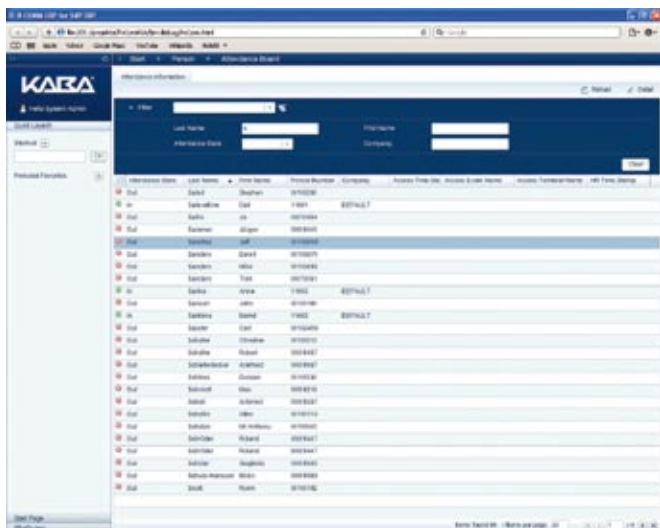
- Registration of visitor data, as soon as the visitors enter the company.
- Appointment of visitors by the relevant employee
- Visitor card management and visitor card generation
- Overview of attendance, absence and registered visitors
- Card management for contractors, such as cleaning services or service providers

University Hospital Würzburg
www.uk-wuerzburg.de

"We use SAP HR and were looking for a reliable subsystem with good interface with SAP. Kaba's fully integrated SAP solution, its many years of experience with SAP systems, and the stable hardware have convinced us."

Norbert Prantl
SMI Assistant Manager,
Project Manager

What our add-on modules can do



Attendance board

Attendance board

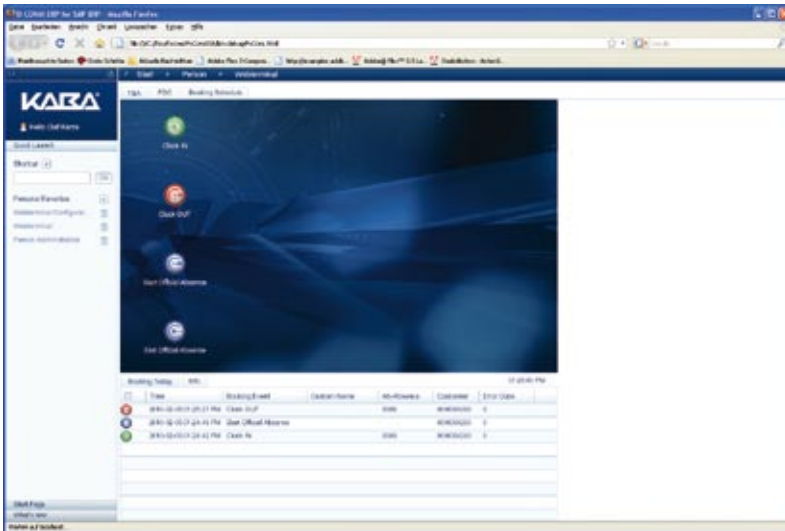
The attendance board provides up-to-date information on the time attendance status of your employees. This can be the last booking by the employee on the time attendance terminal or even an absence information from the SAP system, such as vacation or a business trip. Thus, authorized persons, such as the switchboard, have the required knowledge for giving the right information. Thus, in case of unexpected absence of an employee, your division head can react directly and have a spare man start up production.

Alarm management

Access control is not the only system that has alarms that are important to you. Especially in time attendance, it is important to react accordingly when an alarm occurs. This is why you are notified when a terminal no longer reacts. This allows you to arrange for a repair, so that entries do not have to be made manually, thus minimizing the effort involved. However, if vandalism were to take place in access control, you would also be informed directly, allowing you to initiate suitable measures. To allow you to act properly, the individual alarm messages can be classified accordingly and forwarded by e-mail. For comprehensibility, all alarms are stored in a history and can be analyzed accordingly, helping in recognizing problems and eliminating them permanently.

Personal view

This module shows you all bookings in the system at a glance, no matter whether it is from a visitor or an employee. This allows you to determine who has posted last at the access reader of the side entrance. You can see all bookings by an employee from time attendance to shop floor data collection and access control.



Web terminal booking and configuration

Reports

Use our report generator to generate special analyses on bookings, persons or alarm messages of the system. This gives you exactly the information that you need for your work.

Web terminal

If you have smaller branch offices or field offices that do not have a terminal, you can just use our web terminal for running time attendance on a computer directly in the web browser. This eliminates a manual collection, determination and transmission to your SAP system, thus reducing your costs.

HTML-Time sheet

Each employee of your company can, if he so desires, display his personal time statement on a B-Net 95 80 or Kaba Benzing *multitouch* terminal and check back with his personnel department, if required. This allows you to resolve problems early on by talking with the employee, thus further increasing the employees' confidence in the system. This eliminates the distribution of the time statements without replacement.

Karl Späh GmbH & Co. KG
www.spaeh.de

"Every day we exchange more than 1,000 transactions between the mobile devices and SAP. Thanks to mobile data collection, we are flexible and always up-to-date. This new solution from Kaba helps us to further optimize our processes for just-in-time production and to shorten the internal reaction times.

Jürgen Werkmann
 Logistics Manager

What the solution will bring you

The B-COMM ERP 4.0 for Use with SAP ERP and our terminals offer you an integrated system for time attendance with SAP HCM, which, once installed, will run unnoticed in the background.

B-COMM ERP 4.0 for Use with SAP ERP is the tailor-made SAP subsystem for you:

- The solution has been specifically developed for SAP requirements and offers the ideal integration into this system environment.
- Your customer requirements can be easily integrated into the B-COMM environment.
- You have one single contact partner at Kaba, who will deal with the hard- and software and the installation.
- Compatibility from SAP R/3 3.1 to SAP ERP will save you costs for upgrades.

B-COMM ERP 4.0 for Use with SAP ERP makes previously required external time attendance and data collection systems superfluous. This eliminates the need to maintain and manage redundant data.

You thus reduce your additional costs for

- Software maintenance
- Release change for third party software
- Operator training on the database version

The ability to automate system operation offers you significant advantages:

- You don't need to intervene in ongoing operations, allowing you to focus on more productive tasks.
- B-COMM ERP 4.0 for Use with SAP ERP automatically launches when the system boots up, and then runs in the background.
- Training is only required for the system administrator.
- Collected data is stored in a database and secured from unauthorized access.
- You can expand the subsystem individually with the add-ons.

B-COMM ERP 4.0 for Use with SAP ERP has multi-client capabilities:

For you, this means that the B-COMM ERP system can be used to receive master records from several independent SAP systems and report back the respective booking data.

The new graphic user interface allows you to work more easily in the system.

Full integration of data collection into the SAP business application provides hassle-free system operation and easy maintenance.

B-COMM ERP 4.0 for Use with SAP ERP supports Windows XP, Server 2003, Server 2008, Vista und Windows 7. It can be connected to all hardware platforms supported by SAP.

B-COMM ERP 4.0 for Use with SAP ERP supports the SQL Server and Oracle databases.

For data exchange, B-COMM ERP 4.0 for Use with SAP ERP uses the ALE/IDoc, XML and XI technologies.

AT & S China. Co. Ltd, China
www.ats.net

"Two years ago we have implemented Kaba's time recording and access control system. Exchange of time recording data between the time recording and the SAP system takes place via satellite. The Kaba solution makes shift planning much more efficient and has turned out to be very positive for our subsidiary."

Kyle Kong
IT department

Our services – the basis of good partnership

It is our goal to establish a long-term partnership with you by providing a comprehensive package of services: from the first contact to consulting, planning and on-schedule implementation of your project.

Consulting

We support you during the development of an all-in-one solution according to your individual demands. This applies to the SAP modules PP, PM, PS, CS, HCM, and CATS.

Project planning

We also offer the expertise that is needed to implement a comprehensive, maybe even international project. This starts with an on-site inspection, the recommendation of organizational structures, the planning of project progresses, and implementation of the project on schedule.

Installation and start-up

Our service engineers install the terminals of the subsystem, implement the SAP interface, perform the customizing, and put the system into operation. Your employees will be trained and informed of all processes and procedures. After test runs have been successfully completed, the entire system is handed over.

Training

We offer you comprehensive training on the terminal technology and application, the B-COMM ERP 4.0 for Use with SAP ERP communications software, and the add-on modules. Of course, we will also draw up an individual training program for you.

Maintenance

For maintenance of your installations we have service organizations all over the globe. Our well-trained engineers are available on site at guaranteed response times. In Europe and overseas, we guarantee customer support through our on-site subsidiaries and service partners. A spare part express and repair service ensures the minimization of system downtimes.

Hotline service

Our hotline will be happy to answer any questions you may have relating to our products and the SAP interface. Our quick and qualified reply guarantees that your system will always be stable and highly available.



B-COMM is a registered trademark of Kaba GmbH.
Subject to technical changes without notice!
Order-No. 04036378, Issue P/0210

The logo for KABA, featuring the word "KABA" in a bold, blue, sans-serif font with a registered trademark symbol (®) to the upper right of the letter "A". The logo is centered within a white rectangular box.

Kaba GmbH
Workforce Management
Albertstraße 3
78056 Villingen-Schwenningen
Germany
Phone +49 7720 603-0
Fax +49 7720 603-102

www.kaba.com/workforce-management