



KABA®

B-COMM® ERP 4 – SAP ERP

Solutions for SAP applications - Time and 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 results are successful, certified subsystems for time and attendance, shop floor data collection and access control. The Kaba solutions can be fully integrated into your SAP system and will run fully automatically 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 implement 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 active SAP customers explain their decision with "We are always up-to-date with Kaba". Test us and see!

Why you should choose us as your SAP partner

Experience

We have been a successful player in the SAP market for more than 20 years. 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

Your individual solution is developed by qualified application consultants in cooperation with you and your SAP consultant. A highly motivated team of experts for SAP interfaces, communication and terminal technology is also available to 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 - 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 integrate terminal functionalities and data processing into an innovative overall system. The Java applications on our new terminals communicate with any web pages, web databases, cell phones, or mobile data collection devices. They are thus well prepared 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 development methods and processes, our dedicated employees have committed themselves to the goal of meeting the quality requirements without compromise also in the years to come.

We offer you

- > Support during the development of your solution in the form of qualified consulting and conceptual planning.
- > Ideally matched hardware and software components. All this ensures functional reliability for years to come.
- > 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 and attendance - time is money

This saying is still true, today even more so than in the past. This is why an effective time and attendance is an absolute must in 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 and attendance subsystem can do.

Our 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 and attendance terminals the one that's right for you, and you can forget the subject time and 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 - secure your 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 are at with your orders and what the individual orders will cost.

For this, you need exact figures. 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. When an order is complete, the system supplies the figures for the post-calculation promptly 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.



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 – SAP ERP

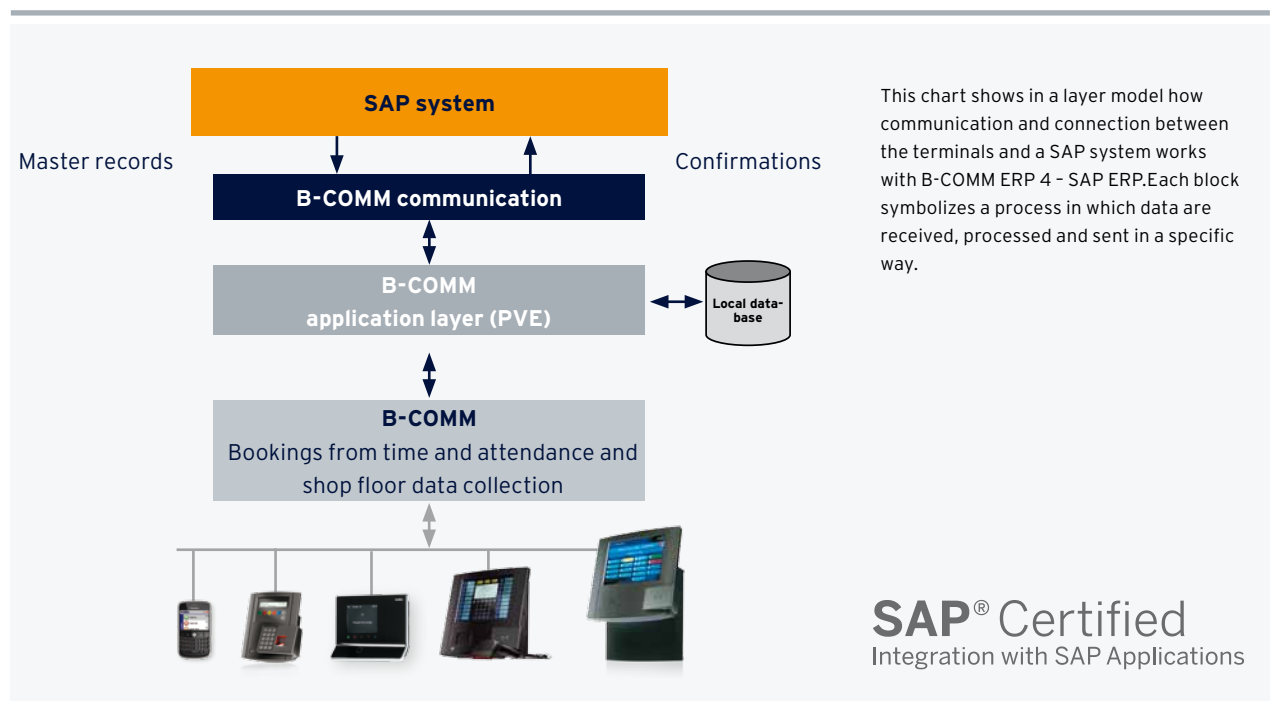
The implementation of data collection systems requires them to be integrated into IT structures. Your data must be collected, transferred and also processed reliably. Our terminals and components equipped with advanced communication technologies are highly suitable for this.

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 - SAP ERP.

B-COMM ERP 4 - SAP ERP is the software which links a Kaba subsystem for time and 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.

This interface is continuously adapted to the latest standards as part of new SAP program developments. Thus, the solution also allows communication with SAP applications via the SAP XI Server. B-COMM ERP 4 - 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 and Windows 7 operating systems.



B-COMM ERP 4 – SAP ERP: new technology to reach your goal more quickly

The B-COMM ERP 4 program package is a software solution for time and attendance, shop floor data collection and access control. It is designed for connection to the HCM (Human Capital Management), PP (Production Planning), PP-PI (Process Industry), PM (Plant Maintenance), PS (Project System), CO (Controlling) and CATS SAP ERP modules.

B-COMM ERP 4 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 version 4 has been certified for the HR-PDC interface of SAP.

The new user interface of SAP solution B-COMM ERP 4 - SAP ERP offers a user-friendly solution for time recording, 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 user interface has also been completely redesigned and updated in parallel to the basic software. The ergonomic user interface has been designed for a particularly efficient

use. It is browser-based and can be used with Mozilla Firefox, Microsoft Internet Explorer, Safari, Opera and Google Chrome. In the user administration, the administrator can create range profiles and assign them to the employees. Each authorized employee is allocated a user profile of his own within the user administration of B-COMM ERP 4. One or several profiles are assigned to the user in question. Within these profiles, the access rights, display options and execution rights for the individual function modules of B-COMM ERP 4 are defined. This ensures, for example, that the user at the reception has other access rights and sees other data than the user who works in the HR department. This means that different users will see different data in the same module.

Additional service from experience

Based on our experiences from hundreds of international installations, we have developed additional modules. These add-on modules have become standards and 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 those modules that are actually needed.

Modular functionality

The add-ons are designed as Intranet applications and run completely under 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 graphical user 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 intuitively. All add-on modules are multi-lingual - a tremendous advantage for global players.

What the solution will bring you

The B-COMM ERP 4 - SAP ERP and our terminals offer you an integrated system for time and attendance with SAP HCM, which, once installed, will run unnoticed in the background.

B-COMM ERP 4 - 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 and quickly integrated into the B-COMM environment.
- > You have one single contact partner at Kaba, who will deal with the hardware 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 - SAP ERP replaces previously required external time and data recording systems. 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
- > System administrator training on the database version

The ability to automate system operation offers you significant advantages:

- > You do not have to intervene in ongoing operations, allowing you to focus on more productive tasks.
- > B-COMM ERP 4 - 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 against unauthorized access.

- > You can expand the subsystem individually with the add-ons.
- > B-COMM ERP 4 - SAP ERP has multi-client capability: For you, this means that the B-COMM ERP 4 system can be used to receive master records from several independent SAP systems and report back the respective booking data.
- > The new graphical 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 - SAP ERP supports Windows XP, Server 2003, Server 2008, Vista and Windows 7. It can be connected to all hardware platforms supported by SAP.
- > B-COMM ERP 4 - SAP ERP supports the databases SQL Server, and Oracle.
- > For data exchange, B-COMM ERP 4 - SAP ERP uses the ALE/IDoc, XML, XI and PI technologies.

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



Badstrasse 11

What our add-on modules for time and attendance and access control 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 or her work requires.

Modules the users are not authorized for will not even be displayed to them.

This makes for very easy and quick navigation in the web client, allowing the users to find exactly the input or information masks they require.

Visitor Management

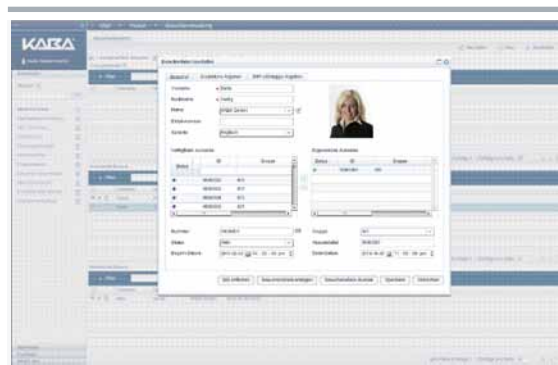
Visitor Management is a module for visitor and contractor management. It allows you - independently of SAP - to generate and administer identification numbers and visitor cards. This allows a non-employee to take part in the company's time and attendance and/or access control, without his or her data 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
- > Prior registration 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



Visitor Management

What our add-on modules for time and attendance and access control can do

Attendance Board

The Attendance Board provides up-to-date information on the time and attendance status of your employees. This can be the last booking by the employee on the time and attendance terminal or even an absence information from the SAP system, such as vacation or a business trip.

Authorized persons, such as the switchboard, thus have the required knowledge to give the right information. Thus, in case of an unexpected absence of an employee, your division head can react directly and have a stand-by person start up production.

The shift schedule shows a graphical representation of the planning data for the selected person.

Alarm Management

Access control is not the only system that has alarms that are important to you. Especially in time and attendance, it is important to react accordingly when an alarm occurs. This is why you are notified when problems occur on a terminal. 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 traceability, all alarms are stored in a history and can be analyzed accordingly, helping in recognizing problems and eliminating them permanently.

If there is a fault in internal processes or services, an internal feedback logic that is used for further processing of the alarm is started.

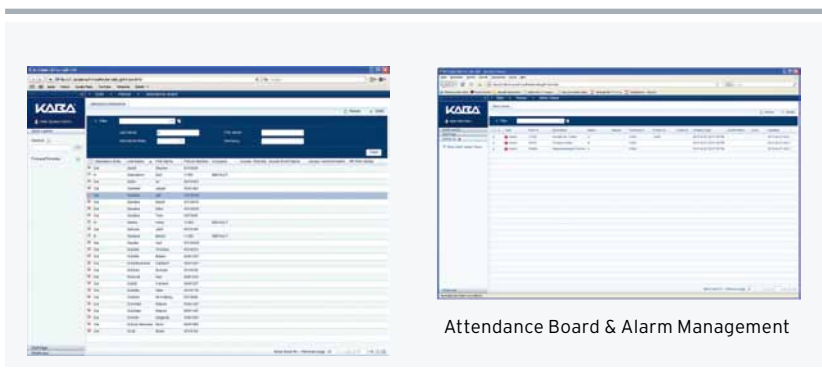
HTML Time Statement

Each employee of your company can, if they so desire, display their personal time statement on a B-Net 95 80 or Kaba Benzing *multitouch* terminal and check back with their HR 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.

Booking Viewer

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 and attendance to shop floor data collection and access control.



Open Door

This allows you to control and open any number of doors remotely, e.g. by the gate keeper. Icons on the web surface can be used to open, permanently open or close a door if required.

To open the door, existing terminals and the available wiring structure are being used.

In addition to the manual control of doors, a time-based control by means of profiles is also possible. Define the time profiles in a configuration mask and assign them to the doors.

In addition, you can monitor important access points with web cameras.

Define escape routes for emergencies and determine which doors or door groups will be opened or closed for a certain escape route.

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.

WebTerminal

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 and 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.

Kaba exos connector

This interface provides you with the SAP master data for your Kaba exos access system so that you can validate access bookings.

A web service receives the master records and balances. The Kaba exos access system is thus always capable to receive and process master records from B-COMM ERP 4.

On the other hand, the interface receives the time and attendance bookings from the terminals to validate them in the B-COMM ERP 4 solution.

Archiving

This module ensures archiving and clean-up of the table contents of the B-COMM ERP 4 database. This reduces your data volume and increases the capacity of your system.

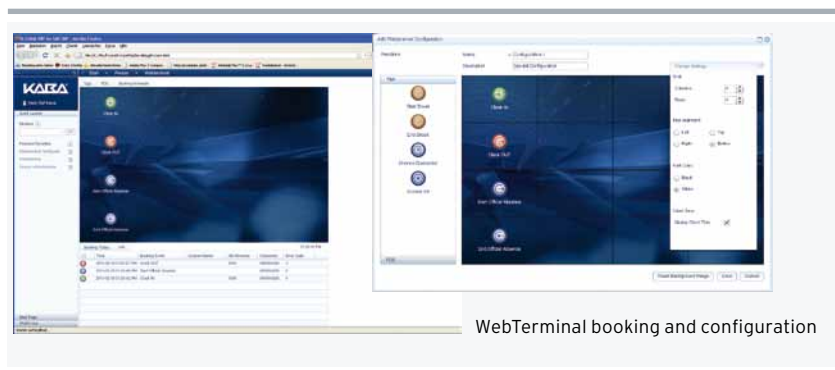
The archiving process is started in the background at regular intervals. You determine when, how often and how long you want to save or archive certain data.

Process planning

Process planning is a function which allows the processes occurring in the system to be controlled to the split second.

This includes the processes for alarm management, the status check for visitor's passes, archiving and session clean-up.

The start time can be defined comfortably using a calendar. To determine individual intervals, it is possible to choose, for instance, from minutes, weekdays or dates.



WebTerminal booking and configuration

What our add-on modules for time and attendance and access control can do

Kaba SAP Access Control

This module can be used to integrate the administration of access control managers and access terminals directly into SAP, allowing you to issue access authorizations in SAP. Time profiles, areas and special days allow you to define and change the access rights of your employees simply and quickly.

The master records containing the authorizations are then sent to the terminals, are available there locally and thus secure offline operation. The module can be ideally combined with the existing time and attendance system. Persons requiring access will have their authorizations checked with regard to times and areas, based on their badge data.

When using an integrated solution, you can define for each employee in which time frame he can book his attendance times at which terminals.

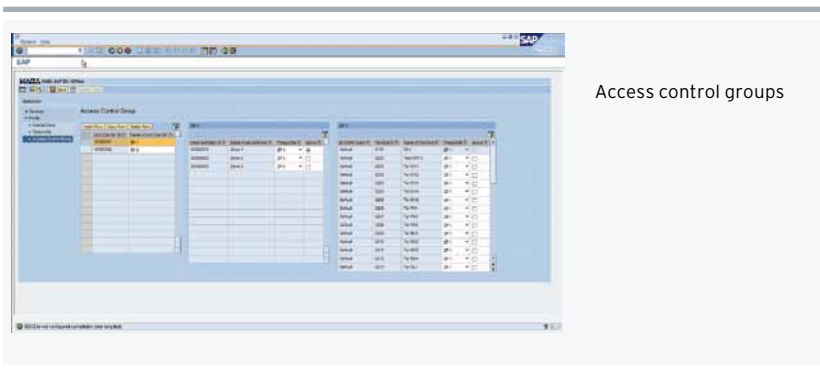
The module can also be extended to include the Kaba exos 9300 online access control.

HR supervisor

This module allows a superior access to the booked HR times, before they enter the SAP system. Thus, he can view time and attendance bookings, in order to correct errors. If shift schedules are available, they will be taken into account automatically. The bookings will not be loaded to the SAP system until the data have been released. This prevents errors from entering the SAP system at all. In addition to that, the superior always has a clear overview of the attendance of his employees.

Kaba Employee Self Service (Kaba ESS)

The new module Kaba Employee Self Service simplifies, accelerates and standardizes processes in personnel administration. With this web-based application, employees can generate, display, and change their presences and absences as well as starting approval processes comfortably on their own PCs. For example, holiday and flexitime requests or approval requests for business trips and seminars are easy to prepare and administrate. The relevant supervisors are sent the requests by mail for approval and can process these in B-COMM ERP 4. In addition, employees can record their work times and add missing data. The employee can view all his entries in the entry overview. Managers are provided with an overview of all their assigned employees and thus have an overview on current time entries of their employees. At the push of a button, an HTML time record can be generated for the current month as well as previous months. Overall, the Kaba ESS module provides greater transparency for employees and managers and accelerates processes for approving requests. The paperless procedure saves time and money.



Access control groups

B-COMM ERP – CATS: Cross Application Time Sheet

CATS is a real benefit for efficient recording of working times and activities as it allows standardized cross-application personnel time recording.

The new CATS interface developed by Kaba offers you an optimized data flow from the user to the target module in SAP. The module calculates the time used based on the time bookings on Kaba terminals or ESS and reports them to CATS. Before the data are transmitted to the SAP modules, such as HCM, CO, PS, PM, CS or SD, you can check, confirm and correct them.

Errors, such as a missed booking, can be edited directly and comfortably in the SAP system thanks to the additional Kaba "Troubleshooting" functionality. The time sheet can be displayed on different interfaces: on the Kaba terminals, your PC, on notebooks, as an ESS application in a web browser or on smart phones.

With B-COMM ERP 4 - CATS, you need to enter your working times only once; they are then automatically forwarded via CATS to the following modules:

- > Attendance and absence times to Human Resources (HR)
- > Internal order data and statistical figures to Controlling (CO)
- > Feedback about internal maintenance and customer service to PM/CS
- > Feedback by the project system/ project monitoring to PS
- > Service accounting/invoicing of external service providers to MM-SRV

This simplifies your operations and avoids redundant data management.

Advantages

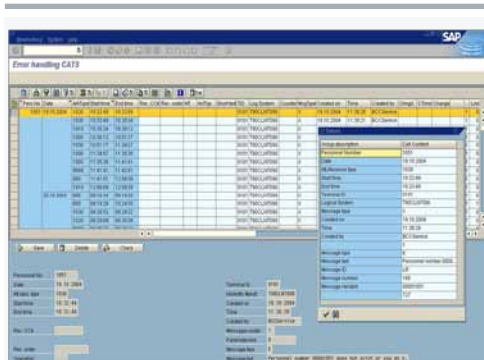
- > Full integration into the SAP world
- > Each job performance is entered only once
- > Redundant data management is avoided
- > Operational processes are simplified
- > Real-time data verification guarantees data accuracy
- > Easy, comfortable and customized user interface (e.g. via touch screen)

Suitable for the following SAP modules

- > Human Capital Management (HCM)
- > Controlling (CO)
- > Project System (PS)
- > Plant Maintenance (PM)
- > Customer Service (CS)
- > Sales and Distribution (SD)

Supported bookings

- > IN/OUT
- > Break
- > Order change
- > Change of cost center
- > Official absence
- > Start, change or entry of duration
- > Project (WBS, CO/PS)
- > Sales orders (SD)
- > Internal orders (CO)
- > PM orders
- > CS orders
- > PS networks
- > External wage types



Additional Kaba modules eliminate errors directly and conveniently in SAP, e.g. missed bookings.



AUTOCENTRUM
Schuler

B-COMM ERP 4 – SAP ERP: shop floor data collection makes you more efficient

B-COMM ERP 4 - SAP ERP is a flexible subsystem for job data recording that complements the SAP modules PP, PM, PS, CS and CATS. The production data are recorded, validated using the method certified by SAP (e.g. IDOC) and transmitted to the SAP modules.

The subsystem includes

- > entry of setup, processing and shutdown times
- > messages about produced quantity, scrap and cause
- > checks of actual quantities against planned quantities
- > time event and work order related bookings
- > change of workstations
- > status tracking via work operation and person
- > processing a work operation carried out by several persons
- > carrying out plausibility checks of all online bookings

As each entry is checked for plausibility, only validated and released data are entered in SAP. After booking the already reported data, the processes are updated.

Then an alignment with B-COMM ERP 4 - SAP ERP is performed. The continuous synchronization guarantees a high data security and up-to-date data. Data management and calculation is made exclusively in SAP.

For job data collection, intelligent terminals of the B-Net series are recommended. You can define specific data collection processes according to your requirements using a dialog editor.

B-COMM ERP 4 - SAP ERP is open for customer-specific extensions and easily integrates QM, MDC or access control systems. It offers comfortable and easy dialogs tailored to the operator so that training periods are short. Entry times are minimized, and wrong entries are avoided.

In addition to the described standard scope, there are a number of useful standard add-ons that make your system even more efficient.

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

What our add-on modules for shop floor data collection can do

Automatic start, interruption and end of an order

Kaba uses this add-on to close the gap between HCM and PP, PM, PS. The time recording automatically starts or ends the last order processed. When an employee books the beginning of a break, the order in progress is also interrupted automatically.

This module reduces the number of entry steps, saves you time and avoids erroneous entries.

Collective entry

Kaba has developed the add-on module "Collective entry" for a quick entry of order data and time and quantity confirmations.

The user can quickly and easily confirm times and quantities of an existing order using this solution. This software option allows assembling order packages for each employee and each workstation. This reduces the recording effort and avoids erroneous entries. Several collective packages can be registered for each employee. The orders can come from the SAP modules PP, PS and PM; all recorded data are automatically transferred back to them.

Multi-machine operation and multiple order processing

If several operators work together on one order or if one operator handles several machines simultaneously, you need this module.

Machine times can be distributed accordingly when producing with several machines. The run times of the machine and the operator's processing time are calculated in proportion of the number of running machines and orders and then booked for the orders.

With multiple order processing, two or several orders are processed by one person on two or several machines; the working time is then distributed linearly. Break times are automatically subtracted according to the SAP working time planning.

The module designed for the SAP modules PP, PM and PS determines the activities (labor time, machine time, setup time, etc.) for multiple machine operation and multiple order processing based on the entered time events (start/end).

It calculates net times for different activities, such as working time, machine time, setup time, etc. and generates standard time tickets.

Rieger Behälterbau
www.rieger-behaelterbau.de

"We are always up-to-date and have a good transparency. All in all, we are very satisfied with the Kaba solution. The system runs smoothly."

Oliver Stumpf
Controller and project manager



Shop floor data collection
For every data entry situation the right terminal.

Order change

This function makes order entry easier and more convenient as active orders from PP, PM or CATS are automatically ended when starting a new order. This reduces the entry process, in particular, for very short processes.

Time adjustment

This module allows reported order times to be adjusted to attendance times of one or several employees later on. Define the correction period by means of parameters. An SAP module provided by Kaba determines the correction times in the background and then sends the modified times directly to the PP module. The time adjustment requires the Kaba modules multi-machine operation and multiple order processing.

TRS WebTerminal SFDC

The "WebClient SFDC" function allows employees to conveniently log in and log off operations on their PC, just as with a stationary SFDC terminal. This extension can thus be used to extend your PP, PM and PS modules in a useful way. It allows entering order data directly in a mask to report them to the B-COMM ERP 4 system. Collective entries, updating of jobs and paperless entries are also possible. The system treats and processes the data thus captured in the same way as the data entered on the stationary terminals.

Group work

To register several employees simultaneously or subsequently in an easy way for one or several work steps. All group information is directly entered in an SFDC terminal when dynamically creating a group. Any number of employees can be added or subtracted from a group any time. All employees who register for the same workstation, the same order or the same group number are members of the group.

If you wish a fixed group assignment with roles (e.g. group leader) within a group, define it in SAP. The corresponding settings are transferred to the B-COMM ERP 4 system via the HR interface and considered for a group booking. These groups can continue to exist for days, weeks and months, i.e. with their IN booking, the employees will automatically be logged in for the group.

You may also define a reporting function for just a few people. Only authorized persons can then make group confirmations, e.g. order change, report of end/interruption, quantities report, etc.

Rehm Thermal Systems GmbH
www.rehm-group.com

"The Kaba solution integrated into SAP and the robust terminals have convinced us. The Kaba system has run smoothly right from the outset. We are very happy with the support provided by Kaba. The electronic recording of shop floor data saves us time and work."

Siegmar Meier
IT Manager

What our add-on modules for shop floor data collection can do

Automatic registration on default operation

This software option automatically records "not assigned times" of an employee. They are booked on an overhead order defined for this employee (indirect process). Define the time from when not assigned times will be determined. If the employee exceeds the defined time limit between IN booking and order start or order end and new order start, the unproductive time is added to the stored overhead order. Thus, empty periods are automatically assigned and "filled" with a process. This allows you to achieve the best possible agreement between booked order times and real attendance times of your employee.

HTML SFDC report

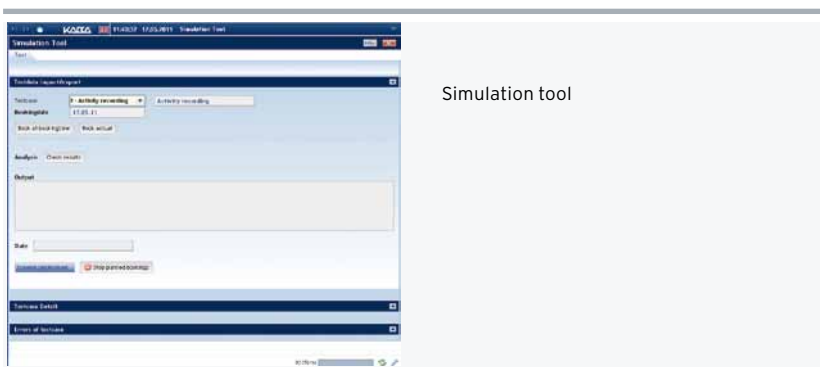
The SFDC time report in HTML format shows certain data from the SAP system on the Internet or the Intranet. This may be, for example, a monthly overview with the employee's order times, attendance hours, productive and unproductive times, performance level, etc. Define the report layout and the report details in the SAP system. The time record is retrieved online from SAP and always provides you with up-to-date data. You can either display the SFDC time record on your PC or a B-Net 95 80 information terminal from Kaba.

Simulation tool

This test tool simulates the individual data collection and feedback process, helping you significantly reduce the test effort during implementation, release change or extensions. This guarantees quality assurance in particular during upgrades.

The different "data entry scenarios" can be predefined in Excel as "use cases" and then executed in automated form. Entry dialogs can either be simulated in "real time" or, alternatively, executed "directly".

In real-time mode, booking sequences are entered for several days and shifts and then simulated in this time. In direct mode, the bookings are made directly at the current time. After the tests are complete, the tool will check whether any deviations have taken place and make them available for analysis in clearly arranged form.



Simulation tool



Our services – the basis of a 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 and planning and on-schedule implementation of your project.

Organizational consulting

In the development of an overall solution we advise you in accordance with your individual requirements. 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, customize the system, 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 will be handed over.

Training

We offer you comprehensive training on the terminal technology and application, the B-COMM ERP 4 - 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 subsidiaries and service partners on site.

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 be stable and highly available.

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