

B-COMM ERP *for mySAP ERP*



KABA®
BENZING
DATA COLLECTION

SAP and Kaba Benzing – A Successful Partnership

Kaba Benzing is one of the leading manufacturers throughout the World for Enterprise Data Collection (EDC) solutions. On an “open systems” platform of hardware and software elements, Kaba Benzing delivers, together with partners, integrated solutions. These solutions comprise the IT integration of time and attendance, access control, production data collection, and IT security.

Kaba Benzing is internationally-active and organized on a global scale. This fact distinguishes us from all other suppliers in the market. This is one of the reasons why more than 950 global players are counted among our satisfied SAP customers.

Kaba Benzing belongs to the Swiss Kaba Group and together with its sister companies employs about 400 people and achieves annual sales of approximately 70M. Euros.

More than 950 international SAP users



B&Q Plc, Great Britain
www.diy.com

“The almost ‘plug & play’ technology makes the system easy to configure. Also, as an SAP Certified Software Partner, Kaba Benzing could ensure that future developments would keep the system up to date. Throughout the installation, the Kaba Benzing team has been very professional, patient and helpful. Their commitment to the project has been very good.”

Garry Farrow
Project Manager
SAP Time and Attendance

Our Success Factors in the SAP Market

Kaba Benzing's Success Factors in the SAP Market:

Experience

For more than a decade, we have fostered an intensive partnership with SAP. The results are successful, certified subsystems meeting SAP's requirements. Many times we have been the first to accommodate new programs and technologies and to offer the user an optimum solution for data recording with SAP.

Consulting

Our SAP team members are highly-motivated specialists with high expertise and knowledge of SAP interfaces, communication, and the technology of our terminals. Qualified application consultants work out individual solutions.

Hardware

New web technology helped us to 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, mobile phones, or mobile data collection devices.

Software

B-COMM ERP *for mySAP ERP* is constantly adapting to new SAP program developments and is therefore always up-to-date. With the add-ons for SAP R/3, we offer a modular system of highly-flexible software solutions.

The factors of success



International Perspective

The more than 950 Kaba Benzing installations in the SAP market are spread over all continents. In more than 60 countries – from Europe to America and from Africa to Asia – satisfied SAP users are counted among our customers. Comprehensive customer service is provided by our own local companies or by our partners.

Partner Alliances

Customers' individual demands may also call for combined efforts of different software partner solutions. Here we provide for a partner alliance in order to realize the desired solution.



Sagit, Italy
www.unilever.com

"If a customer looks at the price tag as an individual parameter, Kaba Benzing is not in the lead position. But if you look at the solution's efficiency, quality, performance, and the technological standard, Kaba Benzing has the best system money can buy."

Paolo Parlagreco,
Head of EDP of Unilever Italy

Corporate Strategy

The core of our client-focused corporate strategy is:

- an all-encompassing line of terminals
- flexible terminal software based on Java classes with the specifications 'HR' for time recording, 'AC' for access control and 'PDC' for production data collection
- a partnership concept that focuses on the right application software to create customized solutions

An Individual Solution for Maximum Benefit

We work in collaboration with leading software system vendors in order to supply our customers with solutions that meet their requirements. They are our partners and specialists for practical user programs for every branch and every IT system.

We concentrate on the development and production of terminals and sophisticated communications solutions with the help of the latest technologies. We provide our partners with the communications software that is needed to integrate their application and our terminals into every network or operating system.



These strategic partnerships offer individual solutions to our customers that are further developed even if requirements change.

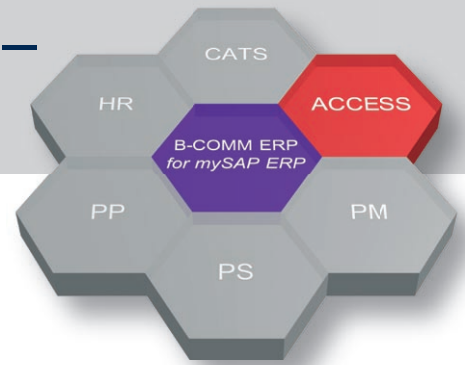


Neoplan Bus GmbH, Germany
www.neoplan.de

“With the outstanding commitment of everyone involved and the great teamwork it was possible to achieve the conversion in such a short period of time.”

Thorsten Kölker
Project Manager

B-COMM ERP *for mySAP ERP* – The Communications Software



B-COMM ERP *for mySAP ERP* is the software which links an SAP R/3 or mySAP ERP solution with a Kaba Benzing subsystem for time and attendance, production data collection, and access control. 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 interface is continuously adapted to the latest standards, paralleled with new SAP program developments. B-COMM ERP *for mySAP ERP* XML now also permits communication via Internet with SAP applications, and has a SAP-certified integration as part of mySAP HR-PDC/XML via the "SAP Business Connector."

B-COMM ERP *for mySAP ERP* was one of the first subsystems with SAP-certified integration for not only the latest XML (extensible Markup Language), but also for ALE (Application Link Enabling) functions.

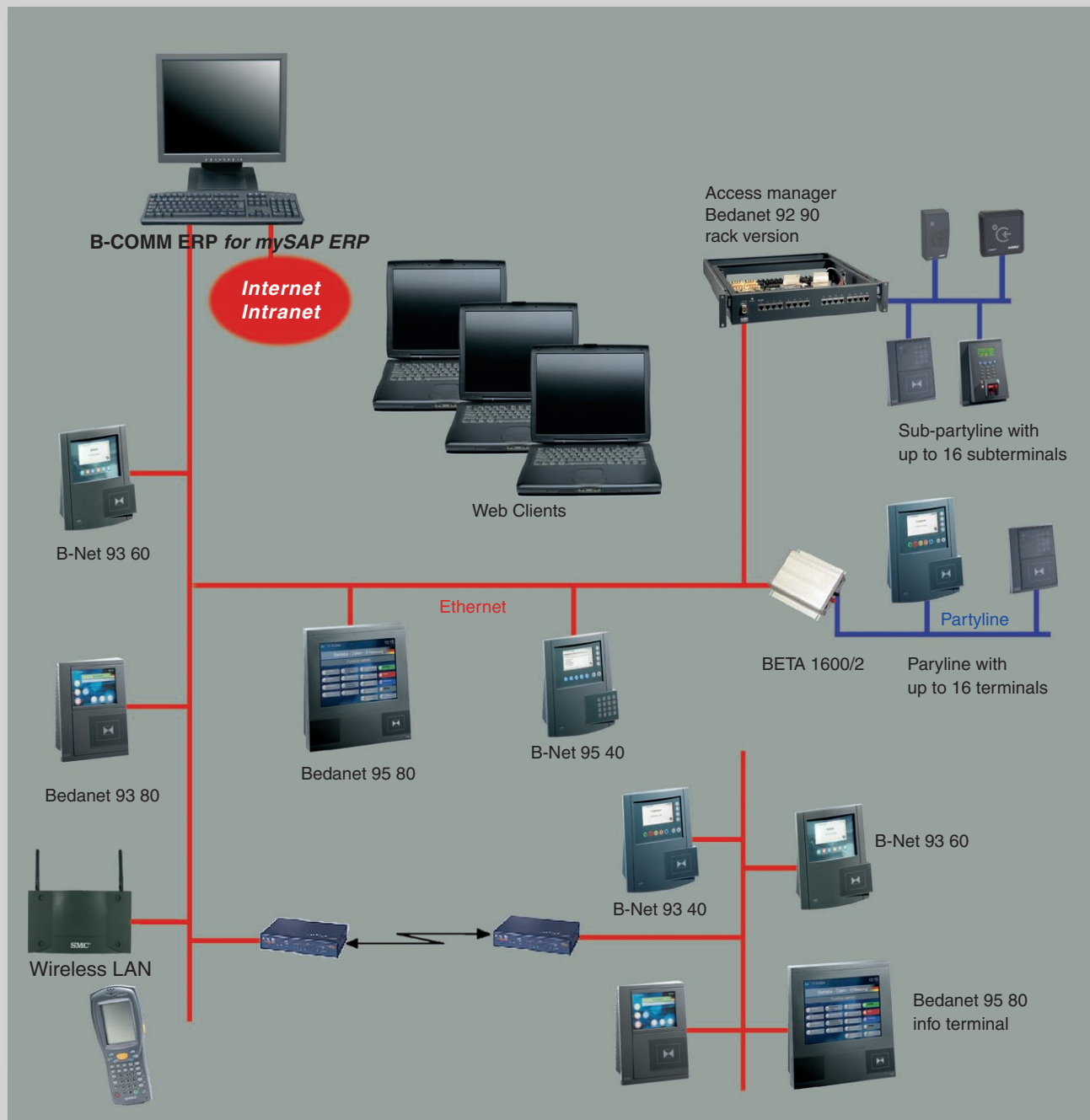


Kraft Foods, USA
www.kraft.com

"The decision to switch to SAP HR entailed the search for an SAP certified time and attendance system. With over 500 terminals to be installed in 64 plants, we needed an easy front-end to configure and manage the terminals remotely. B-COMM and Kaba's terminals met that need. We evaluated other vendors and felt that B-COMM was better able to meet our remote management and position selection logic.

Dennis Johnson
Configuration Manager, Laboratory Information Systems

Configuration of an SAP Subsystem for Data Collection



Add-Ons for SAP R/3 Users



Additional Service

As a result of our experience from hundreds of international installations, we have developed add-ons for the B-COMM ERP for mySAP 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 those modules that are actually needed.

Modular Functionality

The add-ons are designed as Intranet applications, and run in Microsoft Internet Explorer, Netscape, and Mozilla. We apply state-of-the-art standards such as http and XML.

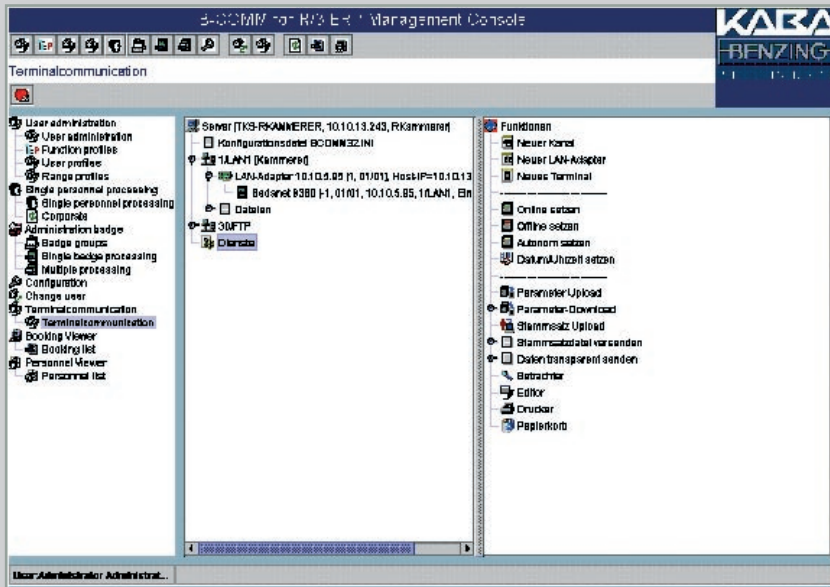
Straightforward Installation and Use

The same is true for possible databases. Standards such as MSDE, MS SQL Server, or Oracle are deployed. It is irrelevant which SAP release is being used – we support all releases starting with 3.1x.

The add-on modules' graphic interfaces are similar to the functionality of the known SAP screen masks.

All add-on modules are multi-lingual – a tremendous advantage for global players. A prerequisite for using add-on modules is the installation of B-COMM ERP for mySAP ERP.

Main Features of the Add-On Modules



Management Console

The Management Console is the basis for deploying the different add-on modules. It is integrated into B-COMM ERP for mySAP ERP, and provides a standardized program surface and an integrated user administration. At the beginning, the Console automatically activates all licensed add-on modules. The client stations can then access the add-ons centrally.

With the help of a favorite filter, recurring evaluations and queries can be automated. All data fields are available for selection. If they are related to each other they can also be linked. The actual selection can be restricted by area boundaries for the inquiry criteria. The retrieved query data can be exported as a file, or printed out with standard reports.

Remote Terminal Communication

This add-on is used for controlling and handling the terminals' communication interface from remote computers. It has the following features:

- Initialization of communication streams
- Maintenance of the terminal subsystem
- Sending of data and master records to the connected terminals

Attendance Board

The Attendance Board shows the status of all employees listed in the subsystem. Which people are displayed in the overview can be set via favorites.

Attendance Management

Attendance Management incorporates the seamless integration of access control, time profile management, graphic alarm management, and booking evaluations in SAP display layout. The Attendance Management module forms an overall system made up of time recording, access control, and production data collection devices, which integrates and manages authorizations across the overall system. It supports the entire range of Kaba Benzing's state-of-the-art terminals.



Alarm Viewer

The Alarm Viewer shows on display alarm, status, and sabotage messages generated by the subsystem. The messages of all connected terminals are listed. Necessary messages, text, and process instructions can be freely configured and individually defined.

Main Features of the Add-On Modules

Alarm Messages

If a terminal reports a manipulation attempt, fast reaction times are critical. This alarm message displays as a pop-up. An additional acoustic warning generates high attention. The user can define which terminals should release an alarm. If required, an SMS or e-mail can be automatically sent to the respective security organ. With this feature, permanent monitoring is not mandatory. The technical requirements for automatic alarming must be checked on an individual basis.

Visitor Management

Visitor Management is the module for visitor and contractor management. It enables – independent of SAP – the generation and administration of badge numbers and visitor cards. In this way it is possible for a non-employee to take part in the company's time recording and/or access control, without his or her data reaching the SAP system. Different mask profiles, which simplify entries, are available with this intranet application. The user sees only input fields that he or she really needs.

The module has the following features:

- Badge/visitor card number management (permits the management and assignment of badge, visitor card, and personnel data)
- Creation of lists for the evaluation of personnel and booking data. User administration (grants only selected users access and controls their execution rights)
- System functions (configuration of the program and adaptation of screen interfaces to customer-specific requirements)

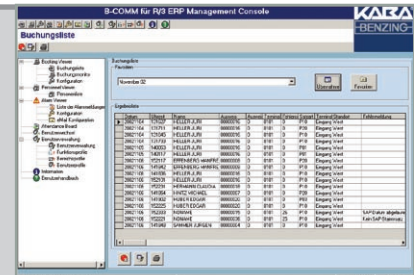


Person List

The screen shows the current master records of employees and visitors from the subsystem.

Booking Monitor

Bookings are continuously displayed on a monitor. Favorites permit the selection of the bookings to certain terminals, PDC groups, or cost centers. The time interval where the list is updated is adjustable.



Booking List

The booking list shows an overview of all bookings in the subsystem. Search via booking records (retention time can be set) can be automated with the favorite function.

Remote Door-Opening

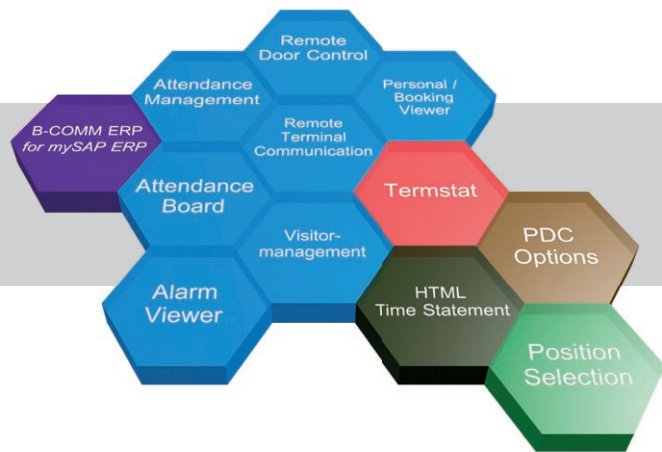
This module is for controlling and operating door-openers from a remote workstation. For this purpose, the door-opener must be connected to a terminal via the existing cabling structure.



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

“Two years ago we have implemented Kaba Benzing's Time & Attendance and Access Control system in our China plant. Exchange of time data between the time recording and the SAP system takes place via satellite. The Kaba Benzing solutions makes personnel scheduling much more efficient and has turned out to be very positive for our plant.”

Kyle Kong
IT-Department

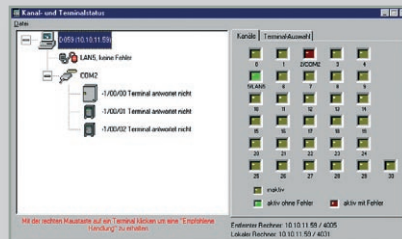


HTML Time Statement

Time statements are created on user request on the display of the Bedanet 93 80 and 95 80 terminals. The data itself is generated with an ABAP and integrated in SAP's standard reporting. Information transmission to the subsystem takes places via IDoc. The advantage of this add-on is obvious. Each employee can independently retrieve their latest information without having to bother the payroll or human resource department.

Individual Cost Center Recording

One knows the problems when an employee has to record a cost center change for his or her next task. Is it the correct cost center key? Are the displayed cost center lists still up-to-date? Does the employee possibly enter swapped digits that are not noticed by the system? This is why we have developed an XML-based solution that links security during entries, user-friendliness, and up-to-date information. After the employee has identified himself or herself with the ID badge, he or she can select a cost center or cost center group on the Bedanet 93 80 and 95 80 terminals with the help of an add-on. This avoids entering cost centers that are erroneous or old.



Termstat

This module makes the status of communication channels and the connected terminals graphically visible on the screen. Termstat does not need to be installed on the same computer as the channels, whose status it is supposed to display. It can be randomly integrated in the network. All active communication channels are always displayed as well as all terminals that currently have an error.

PDC Options

In addition to the SAP PP-PDC standards we offer the following options:

Integration of Time & Attendance and PDC

Automatic start of processing with the clock-in entry and interruption/end with an effected clock-out entry.

Job Information System

As a standard feature, the add-on 'PDC options for R/3 ERP (PDC)' can perform an online query for every information field provided by SAP at the collection terminal. For example, the current operation status, scheduled/actual quantities and times as well as deadlines.

Groupwork

Dynamic group administration and the creation of group messages are some of the features.

Cross-module Order Change Functions (PS, PM, PP, CO, CATS)

It involves terminating an active process and starting a new one - possibly in a different application, depending on the configuration.

Multiple-machine Operation

Allows for parallel processing of a production order on several machines.



**TENNECO Automotive,
South Africa**
www.sa-tenneco-automotive.com

“We make use of Kaba Benzing equipment for Time & Attendance and Access Control purposes at both of our manufacturing facilities in Port Elizabeth. We have found the Kaba Benzing system (Hardware & software) to be reliable and trustworthy. We look forward to a continued successful partnership with Kaba Benzing and trust that the support and maintenance contract mechanisms will reflect the dynamics to allow our organization to mould the desired economical risk management plan.”

John McLean
IT Manager

Partner Application for Your Individual Solution

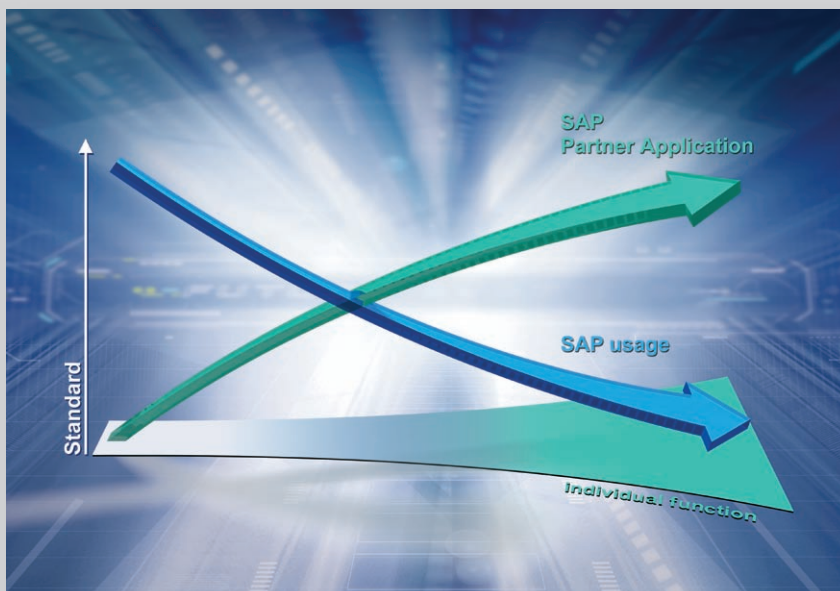
Kaba Benzing places its investment on the applications of its partners in order to create an individual solution for maximum customer benefit. This also goes for all SAP users.

Standard Functionality

The user places its investment on the high, integrated standard functionality of the different SAP modules, in order to fulfill all demands on data collection.

Certified Partner Applications

If the offered SAP features are not sufficient for the demanded solution, Kaba Benzing's partner concept applies. Powerful partners have field-tested applications that are needed to fulfill the customer's individual functional demands. Certified software applications are available for all branches and operating systems in the area of access control, as well as time and production data collection.



Safe Data Exchange

Data exchange between the SAP application and the partner application takes place through the partner's SAP certified interface. Smooth processing of all data is guaranteed.

B-COMM ERP for mySAP ERP supports the SAP application ideally, especially in combination with Kaba Benzing's add-ons.

B-COMM ERP *for mySAP ERP* – Your Benefit



- ❑ B-COMM ERP *for mySAP ERP* runs on Windows NT, 2000, XP and 2003 and can be interfaced with all platforms supported by SAP R/3 and mySAP ERP.
- ❑ B-COMM ERP *for mySAP ERP* uses the integrated ALE Message Handling System to support data exchange with ALE/IDoc technologies.
- ❑ B-COMM ERP *for mySAP ERP* is multi-client capable: Data from several mutually independent SAP applications can be utilized from several different companies at various locations.

- ❑ B-COMM ERP *for mySAP ERP* is the made-to-measure SAP subsystem:
 - Individual customer requirements can be easily integrated into the B-COMM environment.
 - Has been specifically developed for SAP requirements and offers the ideal integration into this system environment.
 - Compatibility with SAP R/3 3.0 and higher as well as mySAP ERP eliminates upgrade costs.
- ❑ The deployment of SAP R/3 HR or mySAP ERP HCM provides, together with Kaba Benzing terminals and B-COMM ERP *for mySAP ERP*, an integrated system for positive time recording.
- ❑ Full integration of data collection into the SAP business application provides hassle-free implementation and system maintenance.
- ❑ B-COMM ERP *for mySAP ERP* replaces previously required external time and data recording systems. It therefore eliminates the need to maintain and manage redundant data.
- ❑ B-COMM ERP *for mySAP ERP* supports the databases MSDE, SQL Server, and Oracle.

- ❑ Additional costs for
 - software servicing,
 - release change for third party software, and
 - training of the system administrator are kept as minimal as possible.
- ❑ The graphical user interface simplifies system configuration.
- ❑ The ability to automate system operation provides significant advantages:
 - No end user intervention is required, allowing employees to focus on more productive tasks.
 - B-COMM ERP *for mySAP ERP* automatically launches when the system boots up, and then runs in the background.
 - Training is only required for the system administrator.
 - Captured data is available in a database and secured from unauthorized access.
 - The subsystem can be individually expanded with the add-ons.
- ❑ Having a single person to contact for support is hassle free and provides customers with a high level of service - from the SAP interface and the installation up to the implemented terminals.

The Service Portfolio for SAP Users



Consulting

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

Project Planning

We also offer the expertise that is needed to implement an 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

Our service technicians install the subsystem's terminals, implement the SAP interface, conduct 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 comprehensive training about the terminals' technology and application, the B-COMM ERP for mySAP ERP communications software, and the add-on modules. Of course we also offer individual seminars for our customers.

Maintenance

For maintenance of your installations we have service organizations all over the globe. Our authorized technicians are available on site at guaranteed response times. In Europe and overseas, we guarantee customer support through our subsidiaries and service partners.



Hotline Service

We also have a qualified hotline to answer questions about all our products, as well as the SAP interface.

Try & Buy Offer

With this offer, prospects can get to know the benefit of our SAP solution of subsystems for time recording. You have three months to familiarize your employees and works committee with the solution. Request your quotation today!



Banque de France, Franc
www.banque-france.fr

"A dedicated Kaba Benzing team ensured that our high aims were met by 100%. Hats off for scheduling, commitment, and the quality of managing the project."

Alain Perez
Manager of the IT project

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