



**SAP Solutions for Small and Midsize Businesses**

# **THE SAP® BUSINESS ONE SOFTWARE DEVELOPMENT KIT**

**POWER TOOLS FOR SMALL AND MIDSIZE BUSINESSES**

**THE BEST-RUN BUSINESSES RUN SAP**



## EXECUTIVE SUMMARY

SAP® Business One is an affordable, easy-to-use software solution that allows small and midsize businesses to streamline and integrate a broad range of operational and managerial tasks. SAP Business One includes numerous customization features and configuration options. With the SAP Business One Software Development Kit (SDK), you can easily tailor the solution further to meet your particular needs. The SDK ensures that enhancements are easy to maintain and do not need to be rewritten for system upgrades. Because the SDK does not require extensive training or specialized knowledge of proprietary tools, you can leverage your team's existing skills and minimize ramp-up time.

## INTRODUCTION

At SAP, we understand that every organization has unique needs. By providing on-demand access to critical real-time information, SAP Business One can improve the quality and accuracy of your business decisions. You get fast results and the flexibility to do it **your** way.

To meet the different needs of small and midsize businesses, SAP Business One includes a wide range of customization and integration features that do not require specialized technical knowledge or programming skills. You can easily add new fields and tables, create custom lookup lists, define field validation rules, design custom alerts, and set rules for populating the default values of fields – all without writing a single line of code.

For more complex enhancements, the SAP Business One Software Development Kit (SDK) provides a comprehensive set of tools for software developers. The SDK maximizes your IT investment – by allowing you to tailor SAP Business One to your particular needs, streamline and automate many processes, and integrate external applications. Built on a standards-based platform that is compatible with Microsoft .NET, Microsoft COM, and Java technologies, the SDK lets you leverage your development team's existing skills and quickly build solutions that bring tangible value to your organization.

## TAILOR SAP BUSINESS ONE TO MEET YOUR NEEDS

The SDK provides application programming interfaces (APIs) that help you interface with and enhance SAP Business One in several ways. From simple screen modifications to sophisticated integration projects, the SDK provides a flexible set of tools that include:

- **The User Interface API**, which lets you modify SAP Business One by creating new windows, redesigning existing windows, and adding menus or dialog boxes. Modifications can be as simple as hiding or disabling a field, or as complex as adding a new transaction.
- **The Data Interface API**, which lets you build real-time links between SAP Business One and external applications. By providing a programmatic interface to SAP Business One through a set of fully functional business objects, the Data Interface API gives you the power to connect applications and automate processes.
- **The Java Connector**, which gives developers all the power and flexibility of the Data Interface API in a Java development environment.

These APIs are complemented by a variety of tools that provide a robust development environment.

## POWERFUL, REAL-TIME INTEGRATION

The SDK offers a full-featured set of business objects that allow real-time or batch-mode integration between SAP Business One and your external applications. Whether you are interfacing with a custom Web portal, integrating legacy data, or building collaborative applications using XML Web services, the SDK simplifies the task with access to a wide range of master records and transactional objects.

By providing business objects that contain exactly the same logic as the SAP Business One client application, the SDK eliminates the need to rewrite business logic and ensures the integrity of your data. Because developers do not need a detailed understanding of SAP Business One's database or internal business logic, they can get up to speed faster and deliver higher quality solutions at a lower cost.

## **A BROAD RANGE OF BUSINESS BENEFITS**

The SDK can maximize the power of your business management solution and help your business run more smoothly. You can, for example:

- Control bad debts and improve cash flow by utilizing the a centralized credit-checking system, which can be interfaced with multiple departments within your company or subsidiaries
- Provide your customers with a Web portal where they can view open invoices and update contact information
- Integrate specialized solutions with SAP Business One to automate the flow of information between systems and share data in real time

Built on standards that provide greater interoperability with other applications and operating systems, the SDK is compatible with the most popular technologies on the market today – including Visual Basic, C++, Java, and .NET. With the freedom to select from a wide range of development tools, you can enhance and extend SAP Business One using skills your staff already has. There are no proprietary languages, tools, or development environments to learn and no need for extensive training or lengthy ramp-up time.

## **BUILD SOLUTIONS THAT LAST**

The SDK is designed to make upgrades easy. Because the SDK maintains programming interfaces for backward compatibility, the integrations and enhancements you build today will work smoothly with future versions of SAP Business One – with little or no need to rework custom code.

## **UNLEASH THE POWER OF SAP BUSINESS ONE TODAY**

The SAP Business One SDK is a supplementary product of SAP Business One and is shipped and licensed separately. Runtime components are included with SAP Business One. All customers who purchase SAP Business One may run enhancements and add-on applications that were built using the SDK.

The SDK is available in both an implementation version and a development version. The implementation version includes the User Interface API, which allows you to modify windows in SAP Business One (for example, hiding or disabling fields), add new menus, insert message boxes, and add status bar messages.

The development version of the SDK includes all the functions delivered in the implementation version, plus the Data Interface API and the Java Connector. This version also provides additional tools and utilities that facilitate the development and maintenance of software enhancements.

To find out more about how SAP solutions for small and midsize businesses can support your company's evolution, or to find a local business partner, visit our Web site at:

[www.sap.com/solutions/smb](http://www.sap.com/solutions/smb)

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