



## SAP R/3 Gateway

### ACHIEVE BI-DIRECTIONAL, REAL-TIME INTEGRATION—FASTER—BETWEEN BACK-OFFICE APPLICATIONS AND SAP R/3

Software AG's SAP R/3 Gateway is a solution that enables high-performance communication between your organization's custom-built systems and SAP R/3 in both directions.

#### CHALLENGE

Incorporating SAP R/3 or mySAP into an existing IT landscape can pose a particularly challenging situation. Organizations confronting this task must often create more than 100 seamless interfaces. The goal is typically to bridge customized back-office applications and SAP.

Do any of the following scenarios sound familiar to you?

- You want to incorporate SAP R/3 into your existing application environment
- You want to automate your business processes and shorten processing times by integrating SAP R/3 with your existing applications
- You would like to replace existing applications with SAP R/3 and migrate the existing interfaces
- You would like to phase out SAP R/2 and convert data exchange between SAP and your own applications

Depending on your specific requirements, you will need access to SAP from your own applications or use of your back-office functions within SAP, or both.

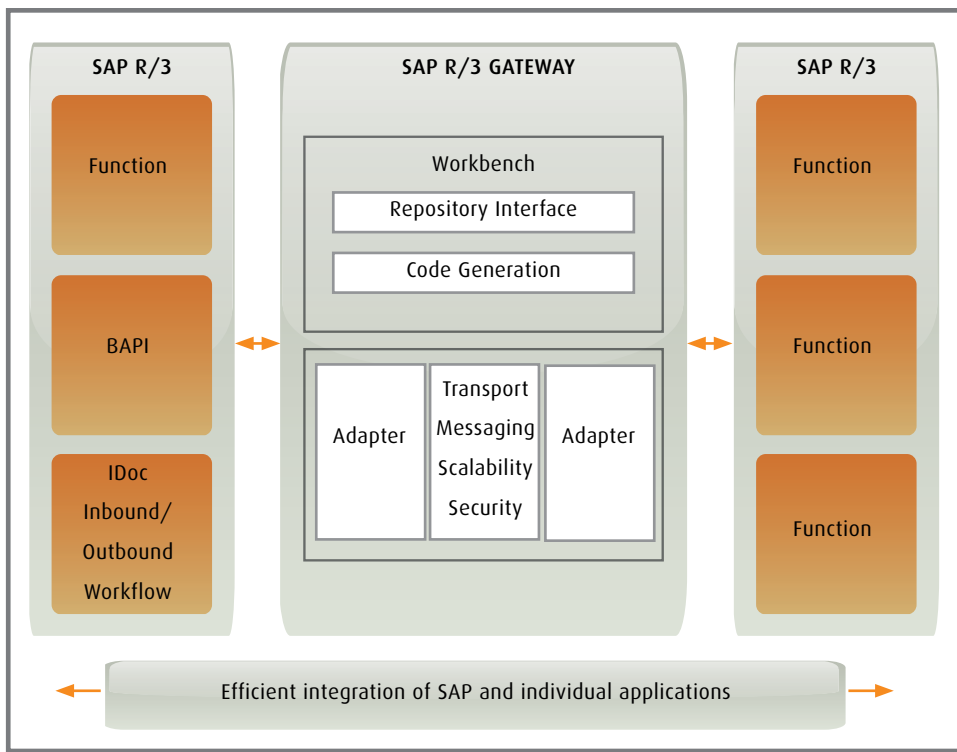
This type of integration—particularly when it involves mainframe applications—is difficult to achieve by way of traditional asynchronous methods and data replication.

#### SOLUTION

Software AG's SAP R/3 Gateway is a solution that enables high-performance communication between your organization's custom-built systems and SAP R/3 in both directions. Code is generated rather than programmed, which paves the way to efficient conversion of your interfaces. SAP R/3 Gateway uses the interface descriptions of the system being integrated to generate the appropriate communication modules. This approach reduces the time it takes to build a new interface to just a few hours, thus ensuring quick project delivery and fast return on investment.

With the SAP R/3 Gateway load balancing and monitoring tools, scalability and communication monitoring are not an issue.

Software AG's solution allows you to integrate a vast array of platforms. Thus, aside from direct integration of SAP R/3, any application can be "wrapped" as a Web service or Java class and made available as a function to new mySAP technologies.



The Solution: SAP R/3 Gateway

## BENEFITS

SAP R/3 Gateway is particularly useful in solution environments in which stability and performance are vital at all times, including peak times. It is an excellent choice for organizations that want to replace existing batch processes with realtime connectivity and integrate their back-office applications. Bi-directional interactivity enables flexible use in various scenarios where integration is a must.

SAP R/3 Gateway enables the re-use of existing components. Development tools facilitate the creation of specific adapters for connecting with other application systems.

Because adapters are generated, programming middleware becomes unnecessary, thus dramatically simplifying and accelerating the integration process. This approach relies on interface descriptions from the existing systems. So information from an R/3 repository, for instance, is used to generate an adapter and guarantees fast integration of new functions.

SAP R/3 Gateway can be employed on a wide variety of platforms and with a number of programming languages, such as zOS, VSE,

BS2000, AS400, UNIX, Linux, Windows, CICS, IMS, COBOL, Natural, PL/1, Assembler and batch.

SAP R/3 Gateway works with security systems for NT, UNIX, RACF, Topsecret and ACF2, enabling easy implementation of security concepts in your organization.

Software AG's 40 years of experience with mainframes, open systems and integration of heterogeneous system environments ensures minimal training and start-up costs.

## TRIED-AND-TESTED TECHNOLOGY

ZDF, a major German television network, enlisted Software AG's SAP R/3 Gateway to migrate its IT environment from SAP R/2 to SAP R/3 as well as to integrate Adabas/Natural applications. The result is end-to-end business processes based on bi-directional communication. Thanks to Software AG's solution, ZDF was able to successfully integrate SAP R/3 cost accounting with its back-office OS/390 application for planning and controlling network programming.

Up-to-date budget data is now accessible in the program planning software, resulting

in improved control of the budget. The main interfaces for this project were built in just 10 days and currently enable a transaction load of 30,000 queries per day per interface and up to 200 queries in under 0.5 seconds.

travel BA.Sys, a supplier of travel agency technology that is used by more than 4,500 travel agencies, employed Software AG's SAP R/3 Gateway to achieve Web-based access to SAP R/3 customer data right from the travel agency system. The result was increased benefits for the travel agencies using the system. It has attracted new customers as well, offering continued response times of less than one second.

These are just a few examples of how Software AG's SAP R/3 Gateway has helped many large organizations integrate SAP R/3 with existing applications running on mainframes in open-systems environments.

You too can become one of SAP R/3 Gateway's satisfied customers with bidirectional, real-time communication between your back-office systems and SAP R/3.

## ABOUT SOFTWARE AG

Software AG's 4,000 global customers use our software to improve business processes and drive an agile IT infrastructure. Our customers' goals are to reduce costs and increase flexibility and efficiency. We help them do this by optimizing and governing their operations and aligning IT with the business goals.

Our leading Business Infrastructure Software portfolio is used for data and system integration and modernization. It fosters new levels of IT agility through SOA and allows the rapid creation of new business processes with BPM.

Our forty-year history of success ensures our customers have a reliable platform for driving future business results – faster.

Software AG – Get There Faster.™

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