

**iWay Intelligent Adapters for SAP simplify the integration of SAP R/3, mySAP.com, and SAP Portal application systems with virtually any other back-office or application environment.**

## Product Highlights

- **Integrate SAP** applications with IBM WebSphere, IBM WebSphere MQ Integrator, Microsoft BizTalk Server, Microsoft Commerce Server, and Oracle 9iAS environments
- **Enable rapid interoperability** between SAP and other application systems
- **Leverage and reuse SAP R/3 business logic**, BAPIs, and data in a wide range of new business applications
- **Transform SAP requests to SAP XML** using standard HTTP or SOAP protocols
- **Increase developer productivity** with tools to easily explore data, define transformations, and create SAP-native business logic

**SAP® Certified Integration**

## iWay Intelligent Adapters for SAP *Accelerating SAP Integration*

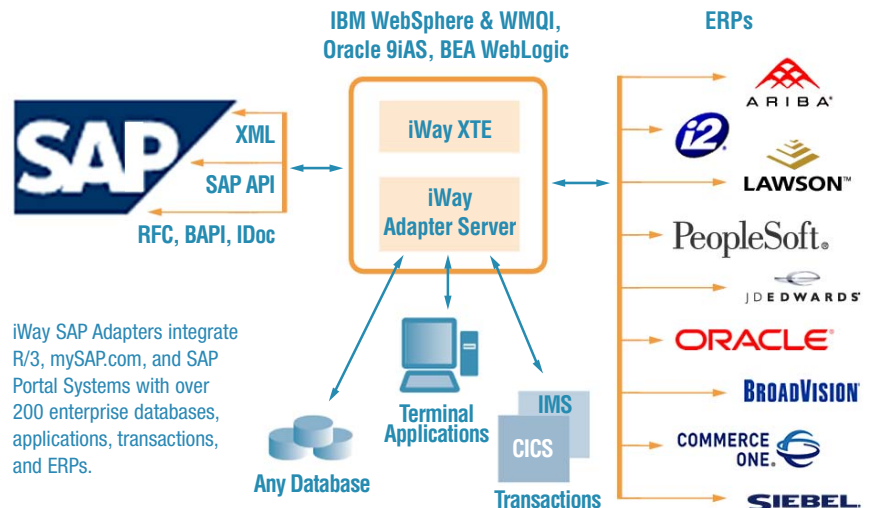
### Integrating SAP With the Enterprise

iWay Intelligent Adapter Technologies for SAP provide flexible methods of integrating SAP, mySAP.com, and SAP Portal application systems with heterogeneous messaging systems, application servers, and packaged applications on any platform. High-speed, nonintrusive access to and from SAP enables reuse of SAP business logic in new application initiatives: the key to successful e-business collaboration with customers, suppliers, and partners.

Using native SAP business logic, iWay Intelligent Adapter Technologies for SAP facilitate the execution of transactions and queries between SAP and multiple, heterogeneous applications. In addition, to support data exchange and transformation in complex e-business environments, iWay Adapters provide full XML-based integration of SAP with disparate applications via message queuing systems.

### Accelerate SAP Integration

As today's enterprise computing environment expands to support critical e-commerce and e-business systems, the cost and complexity of application integration maintenance grows. By using the iWay SAP Adapter Technologies, true integration of SAP with all types of disparate applications is greatly simplified.



## Software and System Requirements

Please call or e-mail iWay Software to discuss your environment and needs.

iWay SAP Adapters provide a common development environment, enabling SAP R/3 modules and BAPIs to be used and reused in new applications. No modifications or recoding are necessary on the SAP R/3 system. This allows developers to easily read, write, and enrich SAP transactions while shielding them from the complexities of the SAP computing environment.

iWay Adapters for SAP are well suited for business process improvement initiatives that replace manual business processes with automatic transaction handling and application-to-application integration, thus dramatically reducing error rates and information lag times. Further, because the SAP Adapters simplify transaction handling for the developer, they significantly reduce the time, cost, and skill level required for integration projects.

### Rapid Interoperability Using Native SAP Business Logic

The iWay Adapters for SAP enable virtually any application to interact with SAP by invoking native SAP objects and SAP business services via COM+ or Java™ JCA interfaces. The adapters execute all underlying ABAP application transaction code, including BAPI, IDoc, and custom RFCs to query and update SAP data. In addition, the iWay Adapters for SAP can be invoked as the result of an event in a different application, such as adding an employee in PeopleSoft that then triggers an update to the SAP R/3 module.

### Rich Transaction Reformatting, Transformation, and Enrichment Capabilities

The iWay Adapters for SAP convert proprietary IDoc and SAP XML into a number of XML and non-XML formats, including cXML, xCBL, ebXML, OAG BOD, SQL, ANSI X12 EDI, UN/EDIFACT EDI, SWIFT, FIX, and HIPAA. They have over 550 formatting and transformation templates for standardized SAP IDoc (non-XML) documents and a GUI workbench tool that generates XML representations of IDocs, RFCs, and RFC-BAPIs from the production SAP Business Object Repository (BOR).

The iWay SAP Adapters integrate proprietary non-XML data and EDI data formats, as well as the XML-defined data with SAP's IRF. The iWay SAP Adapters also provide transforming, formatting, and enrichment capabilities that do not exist with SAP BC.

### Reliable Bidirectional Messaging

iWay SAP Adapters can both send and receive SAP messages. The adapters "listen" for SAP outputs and push synchronous customized RFCs, RFC-BAPI, or RFC-IDoc requests and asynchronous IDocs from SAP to message brokers such as IBM WebSphere MQ, Microsoft MSMQ, Java JMS, or Oracle AQ queues. Depending on the development requirements, the iWay SAP Adapters can be configured to wrap XML around RFC-IDoc and RFC-BAPI requests, or accept the native IDoc formats "as-is."

## Metadata Repository

iWay SAP Adapters benefit from a metadata repository that describes business objects and RFC modules. For example, a Java servlet seeking information from an SAP source must have built-in knowledge about the RFCs and BAPIs it plans to invoke or be prepared to discover their characteristics by querying an SAP R/3 repository. Every available RFC module and BAPI has a unique name and each can accept import or export parameters.

## Support for SAP Standards

iWay SAP Adapters adhere to the SAP ABAP serialization rules published by SAP AG and support RFC-BAPI, RFC-IDoc, and SAP IRF XML formats. Conforming to this standard enables a uniform development and integration environment.

iWay Adapters can be installed on any platform, including SAP application server platforms such as AIX, Solaris, HP/UX, and OS/390. Supported message broker environments include IBM WebSphere, IBM WebSphere MQ Integrator, Microsoft BizTalk Server, Microsoft Commerce Server, Oracle 9iAS, and Oracle 9iAS InterConnect.

## Find Out More

To find out more about how iWay Software can integrate e-business systems in your enterprise, visit [www.iwaysoftware.com](http://www.iwaysoftware.com), e-mail [info@iwaysoftware.com](mailto:info@iwaysoftware.com), or in the U.S. and Canada, call toll-free **(866) 297-4929**. Service partners interested in developing solutions with iWay Software should call iWay's Relationship Manager at **(212) 330-1710**.

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