Your company relies on all kinds of applications to run the business, from packaged applications like SAP and Oracle to cloud-based Software as a Service (SaaS) applications like Salesforce.com. That’s why we offer webMethods Adapters, so you can quickly connect these resources to your SOA.

webMethods Adapters are software that let you plug your existing applications into the webMethods Integration Server. No coding required! They “speak” SAP, Oracle, J2EE, .NET and just about any other technology.

Use webMethods Adapters to deliver new business solutions—faster—while increasing the value of your IT assets. You can service-enable and integrate packaged applications, databases and deployed logic to execute new business processes in real-time.

We’ve kept it simple by offering a common development framework and common run-time infrastructure for all adapters. They share common user interfaces and design approaches. Custom development’s also easy with APIs that speed up development and simplify event-driven applications and resources.

**FEATURES**

- **Standardized user interfaces**
  
  Plug-ins for the webMethods Integration Server development environment enable you to simply “point and click” to configure adapter service and adapter notifications. This means no coding for back-end integration! Enjoy a standardized user experience for both administrative and development tasks and a common set of interfaces to manage connections and other administrative functions.

- **Connection management**

  Configure and manage connections and settings from a single interface using the webMethods Adapter Framework. You’ll have the infrastructure to enable all adapter services and adapter notifications to securely and reliably connect to the appropriate application or other data source. For security and compliance purposes, the framework also provides centralized journal and audit logging capabilities so you can track and monitor the health of the system, as well as who is accessing what application for compliance reporting.

With webMethods Adapters, you can quickly connect virtually any IT asset to execute business processes in real-time across your organization and with trading partners.
Development APIs

Your legacy and homegrown applications weren’t necessarily built with integration in mind. The webMethods Adapter Development Kit makes it easy to develop adapters for these applications—and other applications without a standard interface for integration—to connect quickly to your SOA.

Transaction management

The webMethods Adapters Framework supports multiple levels of transaction management—for example:

- Local transactions, in which multiple actions on a resource are treated as a single unit and are all committed or rolled back together
- Two-phase commit transactions, in which multiple actions across two or more resources are committed or rolled back together, depending on the success of the transaction
- Automatic commitment of transactions

Service enablement

With the webMethods Adapters Framework, it’s easy to service-enable existing resources. Simply “point and click” to expose functionality of back-end applications and other data sources.

Adapter services are re-usable within the webMethods Integration Server to initiate and perform operations on the adapter’s resource, exposing the functionality and the data of that resource for use within your entire enterprise. These services can range from simple database queries to complex SAP BAPI transactions.

Adapter notifications

For applications and data sources that offer event-driven actions, such as queuing systems, the webMethods Adapters Framework provides adapter notifications to notify the webMethods Integration Server when specified events occur in the adapter’s resource.

Adapter notifications can either poll a resource on a regular interval to determine whether an event has occurred. Or, they can “listen” for events, such as messages being delivered to a queue. Once an event is detected, the webMethods Integration Server can process the event data and easily pass it along to the rest of your enterprise.

Salesforce.com adapter

If you’re integrating your internal applications with Salesforce.com, you’re faced with the new challenge of how to integrate SaaS applications with those you host in-house, such as SAP. Now you can achieve that integration quickly, reliably and worry-free using the webMethods Salesforce.com Adapter. This robust adapter lets you plug Salesforce.com into the webMethods Integration Server without any coding.

Out-of-the-box features simplify your integration while giving you maximum flexibility and making optimal use of your resources.

Future-proofed integration

By using an adapter-based approach to integration, you’ll reduce the complexity of updating and maintaining integrations over time. Our adapters team continuously builds, tests and implements adapters to work with new product versions. This helps to assure that future versions of applications will continue to work in your environment.

KEY BENEFITS

Connect a wide variety of applications and resources through a common adapter framework. No coding required!

Speed up development by using APIs and assure easier access to event-driven applications and resources.

Improve systems manageability by using a common interface across connected applications and resources.

ABOUT SOFTWARE AG GOVERNMENT SOLUTIONS

Software AG Government Solutions provides best-in-class software solutions for integration, service-oriented architecture, big data and business process management. Our core products are webMethods, ARIS and Terracotta. The company’s highly trained team takes a “special forces” approach to solving complex IT challenges quickly and efficiently for the federal government and its supplier communities. The company is a wholly owned subsidiary of Software AG USA with more than 30 years of experience with the federal government.

Learn more at www.softwareag-gov.com.