



# webMethods EntireX

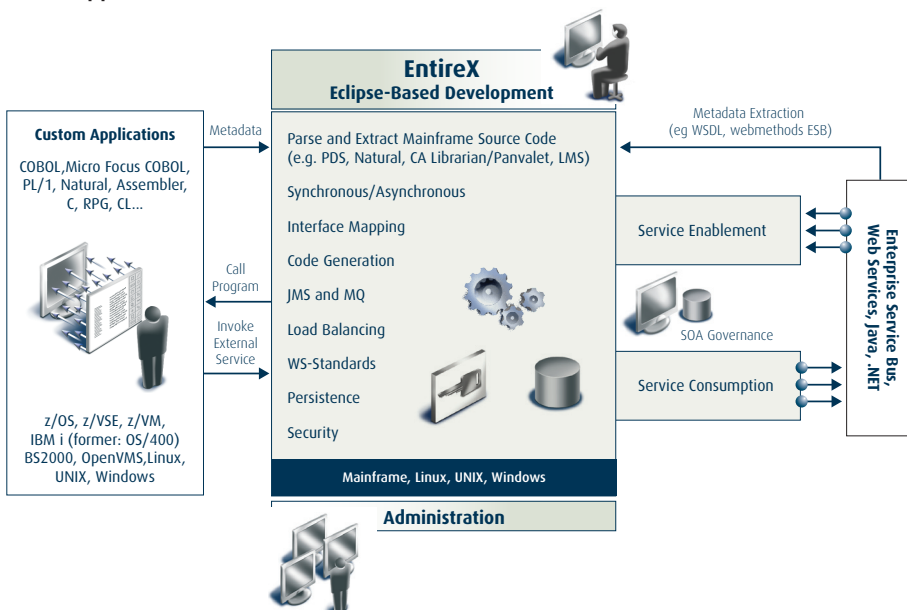
## CONNECTING YOUR ESTABLISHED AND NEW ENVIRONMENTS – FAST!

Turn existing application functions into new services—quickly and easily! Create high-value business services using existing application assets with webMethods EntireX. You can rapidly create new .NET, Java or Web services comprised of business logic and transactions from a wide range of host environments. Or vice versa, let your established applications trigger off-host applications.

Take COBOL for example—webMethods EntireX supports mainframe COBOL and Micro Focus COBOL applications. The seamless integration with the webMethods Integration Server, our Enterprise Service Bus (ESB), and the webMethods suite allows messaging with COBOL applications in both directions.

With webMethods EntireX, you can:

- Deliver new products to market faster by efficiently re-using services in your Service-Oriented Architecture (SOA)
- Trigger business processes from your established mainframe applications
- Reduce costs by easily re-using existing functionality to meet new business needs
- Produce high-performing and secure services for established, core business applications
- Integrate with the webMethods Integration Server and webMethods Business Process Management Suite (BPMS)



### HOW IT WORKS

Let's use the example of a bank which wants to offer additional products to its customers via the Internet. To enable these new revenue streams, the bank needs to combine new business processes with established processes in core applications.

The bank wants to implement this via webMethods BPMS/ESB as its new application base. This has to be interconnected with an existing Natural application. The steps are easy! Just open Software AG Designer in the Service Development Perspective and select the "New Adapter Services from Natural" menu.

**webMethods EntireX Architecture:** Bi-directional service wrapping turns core application functions into new services rapidly.

FEATURE	WHAT IT IS...	WHY YOU CARE...
Truly bi-directional support out of the box	<ul style="list-style-type: none"> <li>Inbound &amp; outbound service-wrapping</li> <li>Intelligent wizards help quickly expose core application business logic</li> </ul>	<ul style="list-style-type: none"> <li>Trigger events from your established environments (mainframe, Linux, Unix, Windows, Natural and more)</li> <li>Results generated faster</li> </ul>
Vast choice of communication models	<ul style="list-style-type: none"> <li>A range of options are available—message queuing, RPC, reliable RPC, conversational, publish and subscribe</li> </ul>	<ul style="list-style-type: none"> <li>Adaptable—one single product handles all demands</li> <li>Flexible—to match your evolving needs</li> </ul>
Broad platform and environments support	<ul style="list-style-type: none"> <li>A wide range of operating systems, environments and code are handled (from z/OS to Windows)</li> </ul>	<ul style="list-style-type: none"> <li>One product for all established and core application integration needs</li> </ul>
Built-in integrations with other Software AG products	<ul style="list-style-type: none"> <li>Tight integration with: Natural, SOA Governance (CentraSite), ESB and BPMS (webMethods), Infrastructure Monitoring (webMethods Optimize)</li> <li>webMethods EntireX provides direct integration with Java, .NET, Web services and the webMethods Integration Server</li> </ul>	<ul style="list-style-type: none"> <li>Fast-tracks SOA infrastructure and process improvement projects featuring webMethods and ARIS</li> </ul>
Unified environment with Natural and NaturalONE	<ul style="list-style-type: none"> <li>webMethods EntireX and NaturalONE are integrated within one design-time environment</li> <li>Allows Natural services to be called directly from the webMethods Integration Server</li> </ul>	<ul style="list-style-type: none"> <li>Incorporate Natural services into your processes created with webMethods BPMS</li> <li>Leverage your Natural system landscape into your business processes</li> </ul>
Excellent design-time support	<ul style="list-style-type: none"> <li>Wizards within the Eclipse-based design time environment let you create your integration scenarios quickly and easily across the Software AG product stack</li> <li>Common tool (Eclipse) supported by all Software AG products</li> <li>Microsoft Visual Studio add-on for .NET developers</li> </ul>	<ul style="list-style-type: none"> <li>Simple and quick integration</li> <li>Reduced learning curve for the integration team</li> </ul>
Ease of operation	<ul style="list-style-type: none"> <li>Robust, proven run-time environment</li> </ul>	<ul style="list-style-type: none"> <li>Low ongoing management and maintenance demands</li> </ul>

Let the wizard guide you through the process: Select the Natural environment and source(s) and define the mapping. Then just select the target package within the ESB. All necessary ESB assets are generated. You can directly test your just created Adapter service(s) using "Run Service."

## GET THERE FASTER WITH WEBMETHODS ENTIREX

### Give new life to core apps

Turn applications running on mainframe, AS/400, Linux, UNIX or Windows platforms into services with minimal effort. Leverage programming logic and transactions from a wide variety of host environments (see table) to create new services for consumption by .NET and J2EE-based applications.

### Tight, easy-to-use link with webMethods Integration Server

Seamless, built-in integration between webMethods EntireX and webMethods Integration Server helps you connect your core applications quickly, bi-directionally and in a high-performance way.

### Bi-directional and symmetric support

All common scenarios are supported in both directions, inbound as well as outbound. Either endpoint can send messages symmetrically—so you can start messages from either end, with the same existing EntireX tooling.

### Assists multi-platform scenarios

Whether you are undertaking an IT transformation project, rehosting or creating another multi-platform environment, EntireX ensures continuity by equally offering platform support and bi-directional service wrapping.

OPERATING SYSTEMS	ENVIRONMENTS	CODE
<ul style="list-style-type: none"> <li>Windows</li> <li>z/OS, z/VSE, z/VM</li> <li>BS2000/OSD</li> <li>Solaris</li> <li>AIX</li> <li>HP-UX</li> <li>Linux, z/Linux</li> <li>OpenVMS</li> <li>IBM i (OS/400)</li> </ul>	<ul style="list-style-type: none"> <li>CICS</li> <li>IMS</li> <li>Com-plete</li> <li>Batch</li> <li>.NET</li> <li>webMethods ESB</li> <li>J2EE</li> <li>Web Service</li> <li>XML</li> <li>SAP R/3 and XI/PI</li> <li>WebSphere MQ</li> </ul>	<ul style="list-style-type: none"> <li>COBOL</li> <li>Micro Focus COBOL</li> <li>PL/I</li> <li>Natural</li> <li>Assembler</li> <li>C</li> <li>RPG, CL</li> <li>C#</li> <li>Java</li> </ul>

Sample operating systems, environments and code supported by webMethods EntireX

## Leverage existing investments to support quick entry into new markets

Re-use existing, established application functionality rather than recreate redundant application functionality to fast-track the availability of new products and services to customers.



### Discover ApplinX! The perfect complement to EntireX!

ApplinX quickly and easily encapsulates user sessions on green screens into ready-to-use .NET, J2EE or Web services. ApplinX and EntireX are designed to be highly interoperable, not just sharing design times, but much more. The EntireX Adapter for ESB can call ApplinX procedure groups, for example.

Find out more by downloading the fact sheet at: [www.softwareag.com/applinx](http://www.softwareag.com/applinx)

To find the Software AG office nearest you, please visit [www.softwareag.com](http://www.softwareag.com)

### ABOUT SOFTWARE AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

We offer our customers end-to-end Business Process Management (BPM) solutions delivering low Total-Cost-of-Ownership and high ease of use. Our industry-leading brands, ARIS, webMethods, Adabas, Natural, CentraSite and IDS Scheer Consulting, represent a unique portfolio encompassing: process strategy, design, integration and control; SOA-based integration and data management; process-driven SAP implementation; and strategic process consulting and services.

### ABOUT IDS SCHEER

IDS Scheer is part of the Software AG Group and a leading provider of BPM software, solutions and services for corporations and public organizations worldwide. With the ARIS Platform for Process Excellence, the company offers an integrated, comprehensive solution portfolio for the strategy, design, implementation and controlling of business processes; allowing companies to continuously improve their overall business performance. Utilizing the ARIS Value Engineering (AVE) approach, IDS Scheer consultants bridge the gap between corporate strategy, business processes, IT solutions and process controlling.

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