

DATASHEET

JBoss ENTERPRISE SOA PLATFORM (ESB)

The leaner, faster, more flexible way to integrate applications services, and data

BENEFITS

- Eliminate manual pain points from your business processes
- Provide faster business execution with fewer business process execution errors
- Achieve quicker return-on-investment (ROI)
- Realize rapid time-to-SOA-solution, adding significant value to your business
- Improve business performance
- Optimize customer experience

FEATURES

- Integrates services, handles business events, and automates business processes efficiently
- Links IT resources, data, services, and applications across value chain
- Uses open source components individually, together, or with third-party components to better suit evolving needs
- Uses existing, modern, and emerging integration methodologies to dramatically improve business process execution speed and quality
- Avoids vendor lock-in, cutting your total cost of ownership

BUILD THE INTELLIGENT INTEGRATED ENTERPRISE

With today's continually changing business environment, a corporation's success depends on its ability to quickly and agilely respond to ever-changing business requirements. IT organizations must be able to innovate and increase revenues while working with leaner budgets and fewer resources. Building an intelligent integrated enterprise is key to improved competitiveness. To lower the cost of doing business, enterprises are looking to eliminate delays, minimize friction, and add intelligent decision making to business process and improve access to and utilization of enterprise data. Service-oriented architectures (SOA) enable enterprises to accelerate business execution while driving higher quality and customer satisfaction. SOA architectures make services flexible, reusable, and able to be reconfigured and augmented more swiftly than traditional applications, accelerating time-to-business objectives and improving business agility.

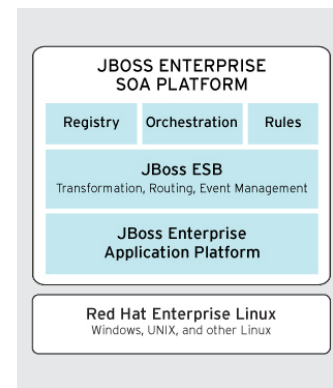
Red Hat's JBoss Enterprise SOA Platform

is a flexible, standards-based platform built on a next-generation ESB that integrates applications, SOA services, and business events, and automates business processes. JBoss Enterprise SOA Platform enables business process automation by integrating and orchestrating application components and services running on JBoss Enterprise Middleware, other Java EE platforms, .NET, and other applications exposed as standards-based web services.

JBoss ENTERPRISE SOA PLATFORM: COMBINING THE BEST OF OPEN SOURCE AND ENTERPRISE SOFTWARE

Using the open source model to develop enterprise software encourages virtually limitless innovation. Open source products welcome participation from a much larger pool of contributors than is possible with proprietary software, allowing new ideas and technical approaches to be rapidly incorporated into the product. The open source model builds higher quality, more secure, and more easily integrated software at a vastly accelerated pace and with a lower cost. Community-based collaboration allows large numbers of business and technical professionals to drive innovation and deliver more value.

JBoss Enterprise SOA Platform provides you with both innovative technology and investment protection. It combines the total flexibility and the innovative power of open source software with the stability, robustness, and security of enterprise-level software. A single subscription that integrates JBoss ESB, a BPEL and workflow engine, a business rules engine,



PROOF POINTS

“Since the introduction of the selfservice websites, we have dramatically reduced workloads and enhanced the customer’s ability to consult/access his/her financial accounts. This is a savings of €2,250,000...Over the past year, we’ve established and maintained a 100 percent uptime level.”

MARC VAN DER TIER

Manager of IT Delivery
LaSer Nederland B.V. (LSN) Financial
& Marketing Services Company

“The vision of the Open Travel Project was to eliminate existing redundant legacy services and construct a common SOA based platform to support the needs of the business... to ensure all business applications in the project portfolio can leverage the platform’s capabilities, thereby reducing complexity and improving agility. The JBoss Enterprise SOA Platform provides JBoss ESB ...”

EMIRATES

JBoss World 2011 Innovation
Award Submission

JBoss Enterprise Application Platform, and JBoss Enterprise SOA Platform combines SOA integration, process orchestration, and business event-driven architecture (EDA) technologies to automate business processes to improve business productivity.

COMPONENTS OF JBOSS ENTERPRISE SOA PLATFORM

- **JBoss ESB:** Enterprise Service Bus delivers the integration foundation, including event/messaging listening and routing, data transformation, and a SOA service registry based on the UDDI v3 standard
- **Orchestration:** Business Process Execution Language (BPEL) provides standards-based service orchestration. jBPM provides workflow capabilities.
- **Rules engine (Drools Expert):** provides advanced content-based routing as well as business rules execution and rule services
- **JBoss Enterprise Application Platform:** provides infrastructure support for the ESB such as JMS messaging, web services stack, and clustering
- **JBoss Developer Studio 4:** includes everything you need to develop, test, and deploy rich enterprise applications, SOA services, business processes, and rules

NEW IN JBOSS ENTERPRISE SOA PLATFORM 5.2

- Fully-supported WS-BPEL 2.0 runtime engine and developer tooling
- Certified integration with Red Hat Enterprise Messaging (MRG-M) through JCA adapter
- Support for CEP use-cases when combined with JBoss BRMS
- Performance improvements
- Runtime component and tooling refresh (including EAP 5.1.1)
- Documentation improvements

JBOSS OPERATIONS NETWORK: MANAGEMENT FOR JBOSS ENTERPRISE MIDDLEWARE

JBoss Operations Network is a single, integrated management platform that delivers centralized systems management and simplifies development, testing, deployment, and monitoring for JBoss Enterprise Middleware. From the JBoss Operation Network console you can drill into the health of your applications and SOA services, identify performance bottlenecks, and set threshold and workflow alerts to proactively manage issues before they impact production users.

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