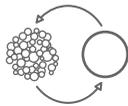


# RED HAT JBOSS FUSE

DATASHEET



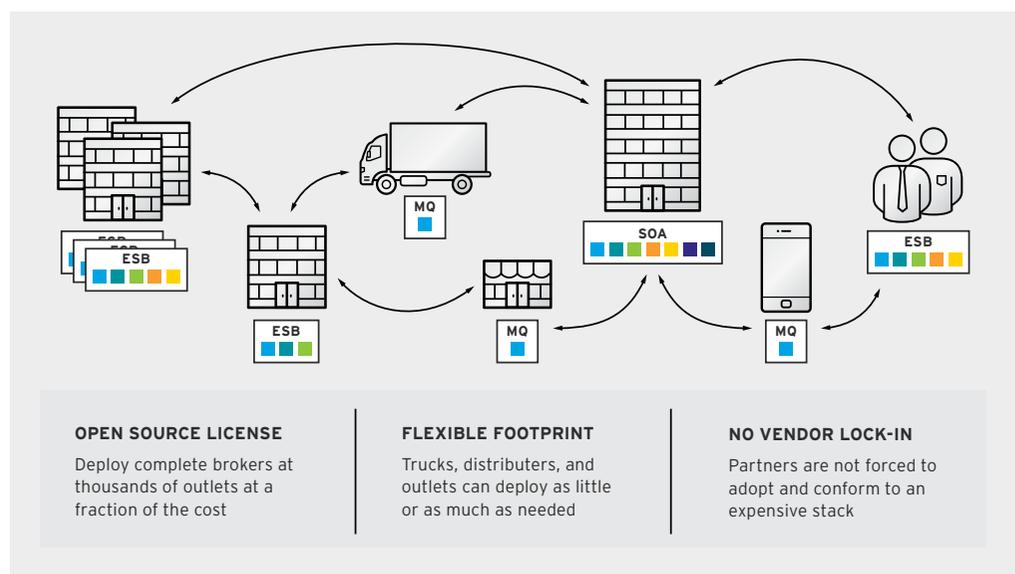
**A SMALL-FOOTPRINT,  
FLEXIBLE,  
OPEN SOURCE ESB**

## INTEGRATION BEYOND THE DATACENTER

Red Hat® JBoss® Fuse is an open source enterprise service bus (ESB) with an elastic footprint that supports integration beyond the datacenter. The lack of license fees and the ability to deploy Red Hat JBoss Fuse in several different configurations advances intelligent integration to all facets of your business—on-premise or in the cloud.

## ELASTIC FOOTPRINT AND FLEXIBLE ARCHITECTURE

Red Hat JBoss Fuse includes Apache Camel, a popular and versatile enterprise integration pattern framework that enables faster implementations. These patterns, when used with the flexible and cost-effective ESB, allow you to deploy and connect customized solutions at every distributor, outlet, and partner, eliminating batch delivery and hub-and-spoke architectures forever.



## RED HAT JBOSS: FROM PROJECT TO PRODUCT

Red Hat integration and messaging products are based on popular open source projects that have been hardened and tested for use in enterprise IT organizations. Red Hat starts with the community distributions, integrates the projects, and puts resulting distributions through rigorous quality assurance (QA) processes and then packages them for IT organization.

Red Hat products are backed by training and consulting packages to help you build your applications, and delivered as enterprise-class subscriptions that include 24x7 support and a collaborative relationship with your technology vendor.



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## KEY BENEFITS

- **Less expensive open source**  
Try before you buy, and deploy widely for much less than closed source software
- **Ease of adoption**  
Includes Apache Camel, the easiest way to rapidly integrate your services and applications
- **Flexible configuration**  
Install just the components you need for a small footprint when you need it.
- **Managed configurations**  
Define configuration profiles for automated updates and simplified operations.
- **Deploy on premise, in cloud**  
Red Hat JBoss Fuse can be deployed on-premise or in the cloud, and the Fabric Management Console makes it easy to take advantage of elastic deployment.
- **Enterprise-class ESB**  
Red Hat JBoss Fuse has a proven track record of supporting mission-critical applications, and is backed by the services and tools you need .
- **The right open source message broker**  
Red Hat JBoss A-MQ is available for free under the permissive Apache-based license, Version 2.0, and is backed by a vibrant and diverse community.

## RED HAT AND APACHE

Red Hat employs many of the Apache Project Management Committee (PMC) chairs and members for the projects, and over 25 active Apache contributors. No other organization knows these projects better or has more input into the projects' direction. The years of enterprise experience combined with deep knowledge of Apache technology make Red Hat products, services, and support invaluable to any application integration projects.

## EXTENSIVE CONNECTIVITY

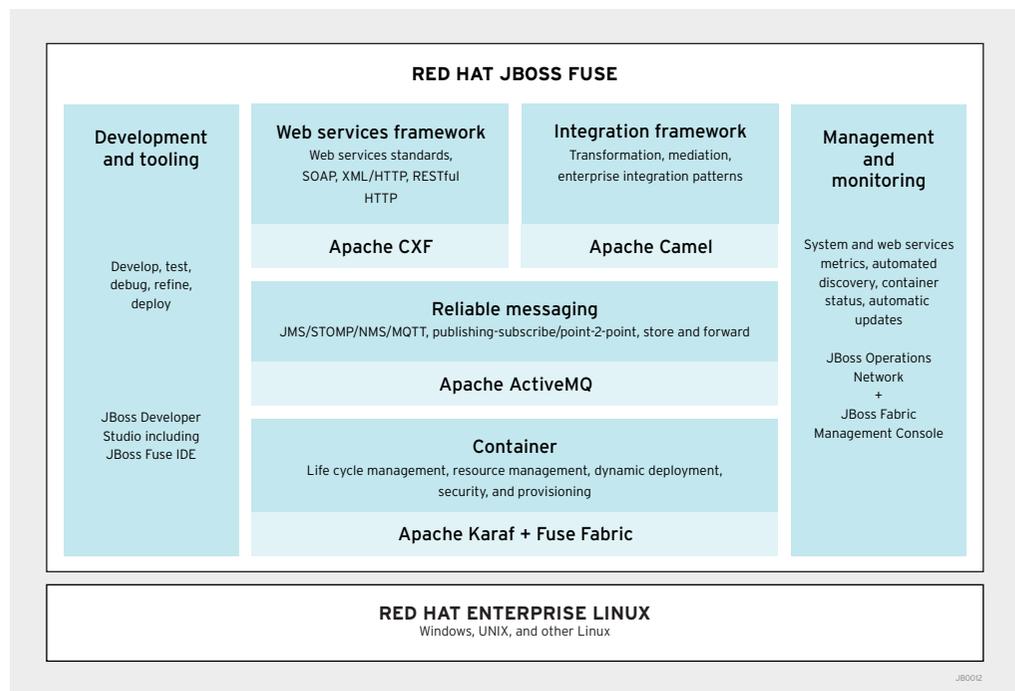
Red Hat JBoss Fuse uses Apache Camel to provide connectivity to external applications. Connectors for JDBC, FTP/SFTP, HTTP/HTTPS, file, and many more are available to integrate with different sources and targets.

## SUPPORTED STANDARDS

Red Hat JBoss Fuse strictly adheres to industry standards including JMS 1.1, TCP, SSL, UDP, MQTT, AMQP (tech preview only), and multicast transport protocols. Also supported are Ajax, REST, and web services standards like SOAP, WSDL, JAX-WS, JAX-RS, STOMP, NMS, WS-Security, WS-Reliable Messaging, and many others. Using industry standards and protocols requires minimal proprietary knowledge, and leverages a larger pool of developers.

## RED HAT JBOSS FUSE COMPONENTS

Red Hat JBoss Fuse is a comprehensive, standards-based integration platform that can be configured with any combination of components for a customized IT footprint.



The functional components of Red Hat JBoss Fuse include:

- **Container** - The foundation of Red Hat JBoss Fuse is a container, which supports the notion of additional containers, and gives you a choice of container features and size. This layer is based on Apache Karaf and is enhanced by Fabric Management Console, which simplifies the management of large numbers of distributed containers.
- **Integration framework** - You can use a standard method of notation and high-level, domain-specific language to go from diagram to implementation with minimal coding. This layer is based on Apache Camel.
- **Web services framework** - You can turn any application or system into a service for inclusion into your service-based architecture. Service enablement technology is based on Apache CXF.
- **Reliable messaging** - Red Hat JBoss Fuse includes a fast, standards-based message broker that deploys with a very small footprint. The messaging layer is based on Apache ActiveMQ.
- **Development and tooling** - Red Hat JBoss Fuse is supported by tooling to help you with development. JBoss Developer Studio includes Fuse IDE.
- **Management and monitoring** - Production environments are supported by Fabric Management Console for management and JBoss Operations Network for monitoring of your JBoss infrastructure.

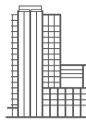
## RED HAT JBOSS FUSE - INTEGRATE EVERYTHING

Some integration solutions require comprehensive integration capabilities while some solutions need a lightweight, low-footprint, easy-to-manage integration platform. Some integration solutions require both. Red Hat JBoss Fuse can be deployed and easily managed in any configuration. This way, you can have a different configuration for every endpoint, and can deploy a network of configurations across your infrastructure--whether it is on-premise, in the cloud, or in a hybrid configuration.

With this cost-effective and flexible integration platform, businesses can finally have integration everywhere.

Visit us to:

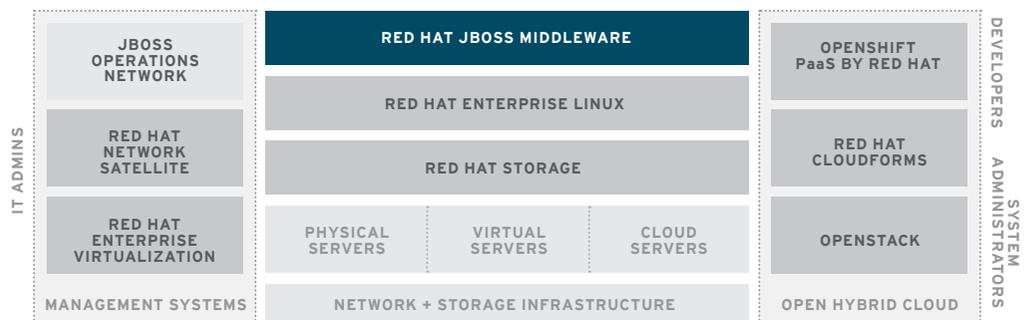
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- **Get involved** - Open source software belongs to you. Blog, join a user group, contribute code, or test upcoming releases.  
[jboss.org/contribute](https://jboss.org/contribute) and [apache.org](https://apache.org)



## ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

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**NORTH AMERICA**  
1-888-REDHAT1

**EUROPE, MIDDLE EAST  
AND AFRICA**  
00800 7334 2835  
europe@redhat.com

**ASIA PACIFIC**  
+65 6490 4200  
apac@redhat.com

**LATIN AMERICA**  
+54 11 4329 7300  
latammktg@redhat.com