RED HAT CONSULTING: APPLICATION AND DATA INTEGRATION

DATASHEET

Red Hat Consulting can help you safely and efficiently adopt integration technologies to:

- Manage disruption and improve efficiencies with integration technologies

- Adopt new business initiatives and improve synergies between disparate application portfolios to keep pace with ever-changing markets

- Adapt new technologies that simplify the delivery of business drivers and simplify resource management

- Automate delivery platforms and the business data feedback loop

- Build a foundation for accelerated change

- Develop in-house skills and knowledge

START EMBRACING CONSTANT DISRUPTION

Disruption isn't just a buzzword; it's a reality for most organizations. In today's IT departments, decision makers face a growing list of potentially disruptive considerations. New competition appears daily, once-revolutionary technology becomes obsolete overnight, mergers and acquisitions loom, and retaining your resources gets increasingly difficult.

To maintain competitive edge and serve their customers with quality service, organizations often accumulate disparate systems, either building these systems in-house or through acquisitions. These systems become costly to maintain and manage and create inefficiencies. Information management, which should help manage disruption, instead becomes an organizational burden. Today, it's critical that organizations develop a strategy that embraces disruption and limits impact to valuable data.

Red Hat® JBoss® Fuse is an open source enterprise service bus (ESB) that reduces the pain of connecting disparate applications, services, and devices for comprehensive and efficient solutions. JBoss Fuse includes the popular and versatile Apache Camel project, an implementation of the most commonly used enterprise integration patterns (EIPs). With EIPs and over 150 connectors ready to use, JBoss Fuse supports integration across the extended enterprise—including applications and services on premise, on mobile devices, or in the cloud.
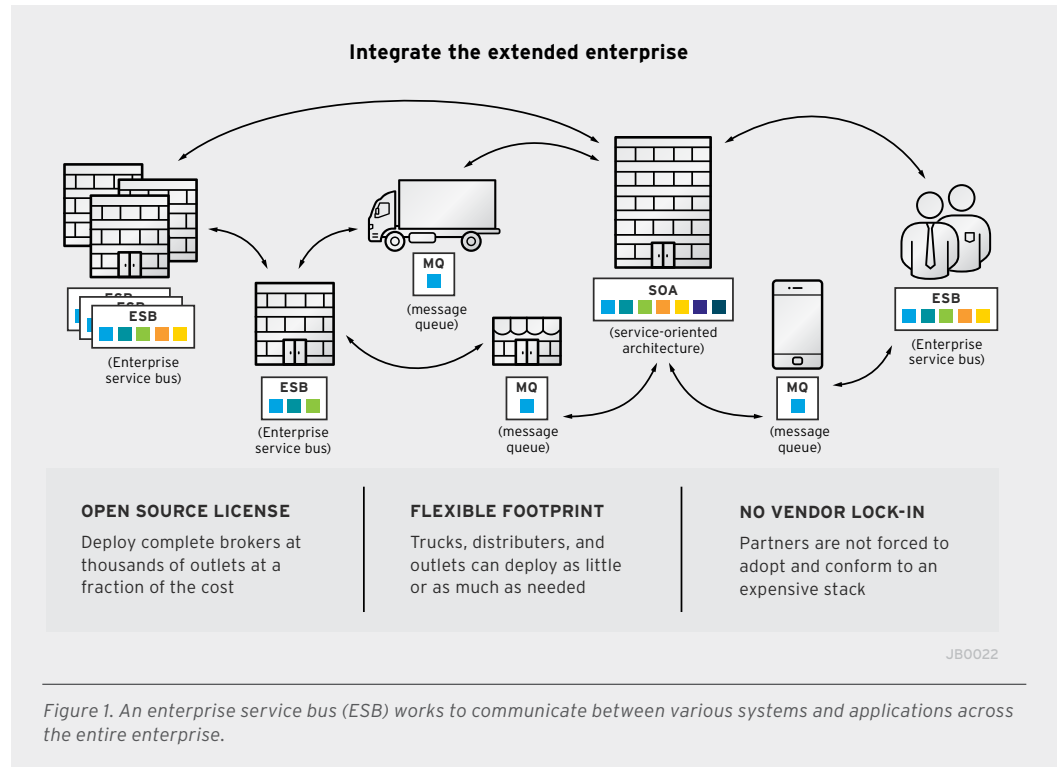
In addition, JBoss Fuse is complemented by Red Hat JBoss Developer Studio for easier development of integration solutions and Red Hat JBoss Operations Network for monitoring of deployed solutions. Red Hat JBoss Fuse for xPaaS extends the integration capabilities in the cloud (Red Hat JBoss xPaaS services for OpenShift) and enables integrated solutions to be seamlessly designed, developed, deployed, and managed in the cloud.

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Figure 1. An enterprise service bus (ESB) works to communicate between various systems and applications across the entire enterprise.

BUILDING A SOLUTION FOR ACCELERATED CHANGE

Using open standards and open specifications, today's integration technology allows organizations to manage disruption by bridging costly legacy and proprietary systems. Effective integration technology allows an organization to more easily:

- **Adopt new initiatives.** Keep up with market changes while mitigating the cost of changing business drivers.

- **Adapt new technologies.** Seamlessly introduce new platforms, services, and capabilities as needed to more quickly embrace development resources.

- **Automate processes.** Build scalable and elastic systems that can be reconfigured as needed, based on market demands, and deliver real-time insight and analytics.

Though integration technology delivers clear benefits to an organization, successful adoption requires effective strategy and planning. Red Hat Consulting helps organizations efficiently and effectively adopt, adapt, and automate their infrastructure using Red Hat JBoss Middleware integration technologies with a clear methodology that gets you off to a good start—quickly.

Red Hat Consulting has refined and simplified the process of embracing an integration strategy. There is no single integration strategy that fits every organization. Because every organization has its own business and IT requirements, it all begins with an understanding of your existing environment. Red Hat Consulting works with you to define a solution that specifically considers your requirements, IT landscape, and business constraints to position you for success from day one.

RED HAT CONSULTING: APPLICATION AND DATA INTEGRATION OFFERINGS

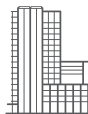| SERVICE OFFERING	DESCRIPTION OF SERVICE	DURATION
Discovery session	Review existing use cases and requirements, technologies, frameworks, and standards used for integrating applications and exchanging messages. Review current monitoring frameworks and operational SLAs.	1-2 days
Architecture design workshop	Provide a target state architecture for integration as it relates to Red Hat JBoss Fuse and provide a high-level implementation roadmap, with levels of effort and timelines as it relates to your environments. Migration planning will be offered if there are any existing integration technologies that you want to migrate to Red Hat JBoss Fuse.	2-4 weeks
Integration pilot	Recommend the implementation of a pilot to address a cross-cutting sample of your use case scenarios. This implementation includes product installation and configuration, as well as solution deployment and operational monitoring and management in a production-like environment. We will also work with stakeholders and teams to generate awareness and foster buy-in of integration within your organization to accelerate and heighten interest for adoption.	6-8 weeks
Integration center of excellence	Partner with you to implement enterprise integration rollout and adoption. Strategy includes greenfield application development and integration of legacy applications. Monitoring and optimization of integrated applications will also be performed. Mentoring of your staff on best practices of designing, implementing, and managing integration environments and applications will be a key element of this phase.	Depends on your environments and priorities. Red Hat will require detailed scoping discussion to determine timelines for enterprise rollouts.

OPEN SOURCE EXPERTISE FROM THE OPEN SOURCE EXPERTS

Working directly with Red Hat's engineering and support organizations, Red Hat Consulting teams have the most advanced skills delivering solutions using Red Hat products and open standards. Many of our consultants are active contributors to the upstream projects from which Red Hat offerings are made into products. With exclusive insight into upcoming features and product roadmaps, no one is better positioned to align teams, streamline processes, and make enterprise systems and applications work together with both open source and proprietary technologies.

THE RED HAT CONSULTING DIFFERENCE

Straight from the source: Red Hat Consulting teams have direct lines of communication into the Red Hat support and product development organizations. Many of our consultants are also active contributors to the upstream open source communities behind all Red Hat technologies.
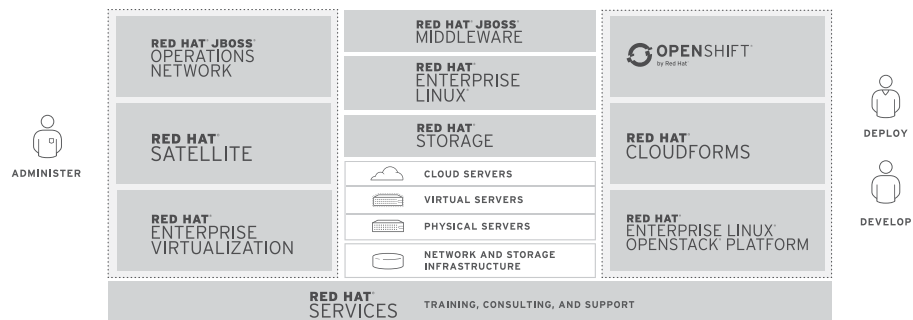
Diverse technical experience: Red Hat Consulting maintains deep expertise on both open source and proprietary systems and application platforms in the market, providing clients with a more complete view of their enterprises. Our guidance is based on a holistic understanding of building enterprise systems, not just our own products.

Mentoring-based approach: Red Hat Consulting employs a mentoring-based approach, which provides the right knowledge transfer to jumpstart a client's move to Red Hat in a safe and efficient manner. As open source leaders, Red Hat believes that knowledge must be just as open as the source code.

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.