MIGRATING FROM TIBCO TO RED HAT JBOSS MIDDLEWARE

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THE NEW NORMAL FOR IT

AGILITY
- Enable modular and agile modernization
- Accelerate deployment of new technologies
- Reduce vendor lock-in and technical debt

COST
- Reduce operational expenses
- Drive toward per use fees
- Deliver new capabilities for less

EFFICIENCY
- Reduce operational complexity
- Simplify management across projects
- Provide greater portability, flexibility, and visibility
CURRENT TRENDS IN INTEGRATION

MODULAR
- Lightweight
- Embeddable
- Containerized
- On Premise Cloud Ready
- Mobile Ready

OPEN
- Open Source
- Open Standards
- Supports Integration Patterns

BROAD
- ESB
- Data Integration
- BPM
- Mobile

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DOES YOUR TIBCO IMPLEMENTATION MEET THESE NEEDS?
BACKGROUND - TIBCO

- A strong player in the enterprise middleware domain for 15+ years
- Acquired by Vista Equity Partners in December 2014
- Numerous layoffs & the departure of key personnel in engineering, sales and professional services
- Recently settled lawsuits with investors for over $30 million
COMMON CHALLENGES WITH TIBCO

- Cost
- Vendor Lock-in
- Availability of skill sets
- Product roadmap uncertainty
- Proprietary APIs
- Limited CI/CD support

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WHY CHOOSE RED HAT JBOSS MIDDLEWARE?
RED HAT EMPOWERS ENTERPRISE-GRADE OPEN SOURCE SOFTWARE

- Participate in community-powered open source projects
- Integrate & support upstream projects like Drools, Camel, and ActiveMQ
- Harden code to create production ready offerings

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SOLUTIONS THAT GROW WITH YOU

Red Hat JBoss Middleware lets your enterprise:

- Balance maintenance & innovation
- Avoid vendor lock-in
- Allow developers to be more versatile
- Prepare for modern IT models like Cloud & DevOps

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THE RED HAT JBOSS STACK

AUTOMATE
- Red Hat JBoss BPM Suite
- Red Hat JBoss BRMS

INTEGRATE
- Red Hat JBoss Fuse
- Red Hat JBoss A-MQ
- Red Hat JBoss Data Virtualization

ACCELERATE
- Red Hat JBoss Enterprise Application Platform
- Red Hat JBoss Data Grid
- Red Hat JBoss Web Server
- Red Hat Mobile Application Platform (FeedHenry)

DEVELOPMENT TOOLS
Red Hat JBoss Developer Studio

MANAGEMENT TOOLS
Red Hat JBoss Operations Network

PHYSICAL VIRTUAL PUBLIC CLOUD PRIVATE CLOUD

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# Red Hat JBoss Has You Covered

<table>
<thead>
<tr>
<th>Capability</th>
<th>TIBCO</th>
<th>Red Hat</th>
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</thead>
<tbody>
<tr>
<td>Core Integration Platform</td>
<td>BusinessWorks</td>
<td>JBoss Fuse</td>
</tr>
<tr>
<td>Enterprise Service Bus (ESB)</td>
<td>ServiceBus</td>
<td>JBoss Fuse</td>
</tr>
<tr>
<td>Java Message Service (JMS)</td>
<td>EMS</td>
<td>JBoss A-MQ</td>
</tr>
<tr>
<td>Business Process Management (BPM)</td>
<td>BPM</td>
<td>JBoss BPMS</td>
</tr>
<tr>
<td>Business Rules Management System</td>
<td>BusinessEvents</td>
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</tr>
<tr>
<td>Real Time Decision Management</td>
<td>StreamBase</td>
<td>JBoss BRMS</td>
</tr>
<tr>
<td>Distributed In-Memory Caching</td>
<td>ActiveSpaces</td>
<td>JBoss Data Grid</td>
</tr>
</tbody>
</table>

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**RED HAT JBOSS FUSE**

**MODERN, PROVEN, TRUSTED**

- **COMPLETE INTEGRATION STACK**
- **STANDARDS BASED**
- **CONTAINER AGNOSTIC**
- **CLOUD READY**

- Provides EIPs to significantly accelerate development.
- Leverages ubiquitous Java API & XML technologies.
- Developers are more productive, leveraging their existing knowledge rather than learning from scratch.
- Well-known technologies with numerous learning resources.

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RED HAT JBOSS A-MQ
MODERN, PROVEN, TRUSTED

Development and tooling
- JBoss Developer Studio including JBoss Fuse IDE

Reliable messaging
- Apache Active MQ

Management and Monitoring
- JBoss Operations Network
  + JBoss Fabric Management Console

Container
- Apache Karaf + Fuse Fabric

RED HAT ENTERPRISE LINUX
Windows, UNIX, and other Linux

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RED HAT JBOSS BPMS
MODERN, PROVEN, TRUSTED

1. Automate interactions with LOB systems
2. Drive the business process from a model
3. Manage User Participation
4. Provide Visibility into process execution data

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**Visibility**
Separate business rules from the application & express rules in terms that the business can readily understand

**Agility**
Empower business & IT experts to collaborate

**Consistency**
Automate all the rules
CUSTOMER SUCCESS STORIES
LOCATION: NORTH AMERICA

ENERGY & UTILITIES

SOFTWARE & SERVICES
Red Hat JBoss Middleware
Migration Consulting Services

CHALLENGE
Outdated TIBCO BusinessWorks implementation was becoming increasingly difficult to maintain. Lack of required expertise meant no applications could be added to the integration layer.

SOLUTION
Red Hat partnered with the client to transition from TIBCO BusinessWorks to Red Hat JBoss Fuse

BENEFITS
Accelerated development via a tight integration between JBoss Fuse & Maven Archetypes

Implemented a robust CI/CD lifecycle with free, open tools such as Apache Archiva & Jenkins

Boosted developer and stakeholder confidence in the enterprise's IT mission & capabilities
HOW DO WE GET THERE?
Red Hat JBoss Consulting:

- Brings subject matter expertise
- Establishes industry standards and best practices
- Mentors your staff on Red Hat technologies and relevant concepts
- Helps mitigate product and open source adoption risks
- Provide direct access to Red Hat product teams and roadmaps
Red Hat Consulting helps you radically simplify the process of migrating your middleware platform from TIBCO to JBoss Middleware.

Red Hat Consulting helps you:

- Eliminate Vendor Dependency
- Mitigate Risk
- Reduce TCO
- Increase Agility
- Deliver Services Faster
- Upskill your team
- Adopt the Solution Delivery Framework

**RED HAT CONSULTING : TIBCO MIGRATIONS**

**Discovery Session**
Review and capture business and technical requirements as it pertains to developing a middleware platform migration strategy.

**Workshops**
Provide a target-state architecture for a Middleware Solution based on Red Hat products with a roadmap identifying levels of effort and timelines for organizational adoption.

**Implementation**
Deploy the target architecture to the client environment(s). Develop, test, and deploy migrated middleware components and mentor client organization.

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RED HAT'S SOLUTION DELIVERY FRAMEWORK

- Standardized but flexible
- Experienced consultants
- Proven methodologies & results

DISCOVER 
- Explore

DESIGN
- Analyze
- Prove
- Plan

DEPLOY
- Migrate in iterations

Discovery Session:
- Discuss Options

Define migration strategy, prove technology & business case

Center of Excellence:
- Execute & Scale

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### THE BIG PICTURE
**A Reference Implementation - Future Iterations**

<table>
<thead>
<tr>
<th>Iteration 1</th>
<th>Iteration 2</th>
<th>Future Iteration(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design &amp; Pilot</strong></td>
<td><strong>Enhance &amp; Deploy</strong></td>
<td>Migrate &amp; Operationalize</td>
</tr>
<tr>
<td>Discovery Session</td>
<td>Target Environment Infrastructure</td>
<td>Analysis &amp; preparation for additional usecases</td>
</tr>
<tr>
<td>Design Workshop</td>
<td>Migration of pilot usecases</td>
<td>Environment &amp; tooling updates</td>
</tr>
<tr>
<td>Use case Analysis</td>
<td>Deployment &amp; Testing</td>
<td>Migrate middleware components</td>
</tr>
<tr>
<td>Target Architecture</td>
<td><strong>Migrate &amp; Validate</strong></td>
<td>Phase 1 Go-Live</td>
</tr>
<tr>
<td></td>
<td><strong>Pilot Go-Live</strong></td>
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</tbody>
</table>

**Discover/Design** | **Deploy** | **Discover/Design/Deploy** | **Discover/Design/Deploy**

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NEXT STEPS

Schedule a Free Discovery Session

Identify business drivers, usecases & challenges
Identify potential technologies & solutions
Create an action plan to address opportunities

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