

ROI ANALYSIS: RED HAT DECISION MANAGER AND JBOSS DROOLS COMPARISON

DATASHEET

BENEFITS

- Integrated and stable distribution
- World-class technical support
- High availability
- Long-term maintenance
- Timely, certified security patches and updates
- Cloud-native architecture
- Business-friendly user interface

For the price of an annual subscription for Red Hat Decision Manager, Drools users can reduce operating costs by more than \$700K per year.

While Red Hat® Decision Manager retains all of the innovation of the JBoss® Drools community project, only Red Hat Decision Manager meets the demanding requirements for critical applications, including the assurance of an enterprise subscription with service-level agreement (SLA)-based support, patches, updates, and multiyear maintenance policies.

Organizations that move from Drools to Red Hat Decision Manager can expect a significant return on their investment. Reduced expenses result from:

FAST TIME TO MARKET

Red Hat integrates and tests community components so you can get started quickly. If you are new to the technology, you can use the wide range of resources available on the Red Hat Customer Portal and Red Hat's knowledgeable support staff to reduce your learning curve and get to production quickly. The Red Hat Global Professional Services team is available to guide your application development, applying industry best practices to deliver high-quality, rule-based applications in the shortest time. With Red Hat Decision Manager, you get to market quicker, with potentially dramatic savings in development and opportunity costs.

REDUCED DOWNTIME

Red Hat Decision Manager provides an integrated and stable distribution that lessens the likelihood of service-impacting outages in your production systems. In the unlikely event of an outage, Red Hat's world-class, SLA-based technical support will get you back online as quickly as possible. Fewer—and shorter—outages add up to massive savings for your business.

REDUCED MAINTENANCE

Red Hat's single stream of certified patches and updates greatly reduces the cost of keeping critical software up to date. Red Hat not only fixes issues found in the community code but also tests and collects updates from multiple community projects into a single, certified stream that can be applied easily to your production systems. Your engineering staff can focus on business needs—instead of researching issues and relying on the community for fixes.

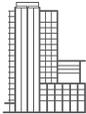
REDUCED SECURITY BURDEN

Red Hat's security response team identifies, tracks, classifies, and resolves security issues through a formalized enterprise security resolution process. This team works closely with industry and government emergency response teams to ensure that emerging threats are countered and patches released quickly. Therefore, Red Hat Decision Manager customers spend less time investigating and patching security issues. In addition, timely updates can lead to fewer security breaches, preventing potentially massive costs in legal penalties and brand damage.¹



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¹ The average cost of a data breach worldwide in 2017 was reported as \$3.62 million. Ponemon Institute, "Total Cost of a Data Breach," 2017.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide 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.

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HOW MUCH CAN YOU SAVE?

Table 1 provides sample savings calculations. Fill in your own numbers to determine your potential savings from Red Hat Decision Manager.

TABLE 1. RED HAT DECISION MANAGER SAVINGS COMPARED TO JBOSS DROOLS, IN U.S. DOLLARS

	RED HAT DECISION MANAGER	JBOSS DROOLS
16 core subscription-premium	\$36,000	\$0
REDUCED DOWNTIME		
Typical uptime	99.999%	99.9%
Downtime hours per year	0.09	8.7
Downtime cost per hour	\$42,000	\$42,000
Downtime annual cost risk	\$3,870	\$365,400
REDUCED MAINTENANCE		
Typical sustaining engineering effort (full-time employee)	0.2	2
Typical annual burdened engineer cost	\$150,000	\$150,000
Total sustaining engineering cost	\$30,000	\$300,000
REDUCED SECURITY BURDEN		
Typical effort to investigate security issues and obtain patches (full-time employee)	0.2	1
Typical annual burdened security engineer cost	\$150,000	\$150,000
Total security engineering cost	\$30,000	\$150,000
TOTAL ANNUAL OPERATING COST SAVINGS	\$715,620	