



## BMC BladeLogic Application Release Automation

BMC BladeLogic Application Release Automation enables IT organizations to rapidly and confidently deploy applications, resulting in smoother operations and improved business responsiveness.

### Key Benefits

- » Improves productivity by eliminating the time consuming tasks of writing and maintaining deployment scripts and installation process documentation for Java EE applications
- » Reduces installation and configuration risk by eliminating scripts and manual processes.
- » Eliminates errors by providing reliable and flexible deployments across multiple configurations and system topologies
- » Simplifies the troubleshooting of configuration related problems
- » Dramatically reduces the dependence on experts to handle repetitive and mundane tasks
- » Saves time and money on troubleshooting, deploying and managing web application server configurations

BMC BladeLogic Application Release Automation is your “safety net” for consistent, reliable and predictable Java-based application installations and deployments – in any environment, on any Java application server – whether a fresh install, a product update, or a clean un-install.

### Business Challenge

Java is one of the most widely used technologies to support mission-critical applications. As organizations develop and deploy Java Enterprise Edition (Java EE) based applications, they struggle with the increasingly complex and time consuming task of troubleshooting and configuring web application server environments. The process is typically cumbersome, error prone and inefficient.

### The BMC Solution

BMC BladeLogic Application Release Automation allows organizations to troubleshoot, configure and deploy Java EE applications quickly, efficiently and safely. Our software can be a vital tool for system administrators to quickly diagnose and isolate problems across their web application server environment. Application Release Automation also creates a repeatable deployment and configuration process that can virtually eliminate the errors that are the result of the current manual or scripted solutions.

### How BMC BladeLogic Application Release Automation Works

Application Release Automation can interrogate any web application server and create an abstraction of all of its unique settings. That abstraction can be systematically compared between servers to quickly identify differences or issues that affect performance. This makes Application Release Automation a “must have” diagnostic tool for any system administrator responsible for Java applications and/or web application servers. In addition, our software can be at the core of a more efficient and automated deployment process. Application Release Automation combines the compiled binaries of a Java EE application (EAR, WAR or JAR files) and an XML-based abstraction of the server configuration. Application Release Automation is then used to deploy the application and configure the server(s) in any environment (physical, virtual or cloud) and any version of an application server your code supports. It eliminates integration defects and removes all barriers to reliable configuration.

### Features

- » Automatically translate configurations from one environment to the next without scripts or manual intervention
- » Effortlessly roll back deployments to their previous known good state in the case of error, while generating verbose error logs to help troubleshoot root cause
- » Compare configurations across servers and environments in minutes
- » Upgrade application and configurations from one version of the application server to the next (i.e., from WebSphere 5.1 to 6.1)
- » Provide detailed audit trails of what was modified in each environment
- » Speed deployments in virtual environments

### Best Practices for Application Release Management

The use of Application Release Automation enables the automation of tasks that for years have been ad-hoc and not well documented. Now, audit trails can be established for the release and updating of web

## Benefits:

- » Reduce application release time – shorten releases by up to 90%, with automated deployment and configuration changes
- » Lower costs – automation reduces the cost and effort of deploying even the most complex, multi-tiered applications
- » Reduce application downtime by avoiding misconfigurations, and accelerating troubleshooting
- » Improve communication between Development, QA, and Operations, ensuring worry-free deployments

applications. This will facilitate compliance initiatives across your Java application environments.

## Part of a BSM Solution

Application Release Automation is available as a standalone product (Standard) or as a fully integrated component of BladeLogic (Enterprise) to deliver application release automation with all of the management benefits that come with BSM suite. In addition, Application Release Automation can be integrated to BMC Remedy and Atrium CMDB. Our software can be integrated to other 3rd party systems such as source code control, build managers, data center managers and system monitoring tools.

## Provides Critical Capabilities for Your Tasks

Application Release Automation provides these critical capabilities for your deployment and troubleshooting tasks:

- » **Snapshot:** Automatically obtain configuration information from a known good instance. See exactly how your server is configured at a glance.
- » **Compare:** Compare snapshots from different servers and provide an “apples to apples” inventory of what is different across environments. Save hours of troubleshooting when time is critical.
- » **Install:** Configure the application server and deploy the application in an intelligent and automated manner. No more scripts or manual steps.
- » **Update:** Only make the changes to the application server that it needs to in order to fully configure the server. No more incremental scripts or “hot fixes” – Catch up from any beginning point to where that server needs to be.
- » **Rollback:** Roll back to the last known good state if all or part of an installation fails. Your application server will never be left in a non-functioning state.

## For More Information

To learn more on BMC BladeLogic Application Release Automation, please visit

<http://www.bmc.com/products/offering/bmc-bladelogic-application-release-manager.html>

## BUSINESS RUNS ON I.T. I.T. RUNS ON BMC SOFTWARE.

Business thrives when IT runs smarter, faster, and stronger. That's why the most demanding IT organizations in the world rely on BMC Software across both distributed and mainframe environments. Recognized as the leader in Business Service Management, BMC provides a comprehensive and unified platform that helps IT organizations cut cost, reduce risk, and drive business profit. For the four fiscal quarters ended December 31, 2009, BMC revenue was approximately \$1.90 billion.