



# BMC BladeLogic Automation Suite

BMC BladeLogic Automation Suite is the industry-leading solution for automated management, control, and enforcement of configuration changes in the data center. It provides a cross-platform solution for managing both physical and virtual assets — in the traditional data center and in the cloud.

## Key Benefits

- » Easily meet customer expectations with minimum staff effort and skill requirements
- » Dramatically reduce the time and effort required to provision and reconfigure IT resources
- » Eliminate service disruptions that result from manual configuration errors
- » Enable faster response to changing business needs
- » Reduce costs, decrease errors, and accelerate time to value for business-critical services
- » Increase compliance and dramatically reduce the effort and time associated with audits
- » Significantly improve IT service delivery on your evolution plan and timeline

## Business Challenge

Struggling to maintain the service levels your business demands, while also reducing costs, is a common IT operating scenario. Skilled staff are often consumed by routine manual tasks, executed in isolation across servers, networks, databases, and applications, thus resulting in lengthy change cycles with unreliable results. Service outages are increasing, business demands are growing, and governance requirements are expanding — yet cost constraints keep IT from adding staff to address the growing workload. As a result, the business may see IT as an impediment to business success.

What's more, new technologies and methodologies — cloud computing in particular — are changing the way IT and its customers are thinking about the data center. While the fundamentals have not changed, the current trends in data center management are increasing the emphasis on automation more than any time before, and IT organizations are coming to grips with the fact that IT-as-a-Service is in their future. Still, budgets will not grow to accommodate the new expectations, nor will you be able to shed legacy assets and move completely to the cloud.

If you are ever going to improve your organization and lead the transition to take advantage of cloud and agile development methodologies to the benefit of your business, you need to begin building the appropriate automation foundation. It is of paramount importance that you implement a single platform for managing all your data center assets, rather than building yet more silos for new delivery methods, such as cloud.

## The BMC Solution

BMC is the only solution that can support the level of heterogeneity needed, while also enabling cutting-edge automation. With the BMC BladeLogic Automation Suite, you will improve efficiencies and ensure that automation is working on the things that are most important to your business objectives. With BMC, you will:

- » **Have confidence** that the consistent maturity of your management functionality — across servers, networks, databases, and applications — will help you meet customer expectations and Service Level Agreements (SLAs) — with minimum staff effort and skill requirements.
- » **Increase IT productivity** for server, network, database, and application configuration management, dramatically reducing the time and effort required to provision and reconfigure IT resources
- » **Eliminate service disruptions** resulting from manual configuration errors and enable faster response to changing business needs
- » **Reduce costs, decrease errors, and accelerate the time to value for business-critical services** by managing the complete application delivery process — from development to production
- » **Increase compliance and dramatically reduce the effort and time associated with audits** by enforcing controls and policies across geographic boundaries and complex IT environments
- » **Significantly improve IT service delivery** on your evolution plan and timeline with less effort expended to determine how multiple functions integrate into IT processes

Employing the BMC BladeLogic Automation Suite across your data center delivers consistent management capabilities across servers, networks, databases, and applications, thus laying a solid automation foundation for advanced levels of data center operation, such as cloud computing.

## The BMC Difference

- » Heterogeneous support of distributed and mainframe systems, network and client devices, databases, and middleware and application software
- » Real-time configuration visibility at an extremely granular level
- » Pre-defined best-practice and regulatory content policies provided out-of-the-box
- » Unified configuration and compliance management with target-aware closed loop remediation
- » Automated response to pending issues and conditions with simple rules and advanced automation

## Products Included

The BMC BladeLogic Automation Suite delivers a cross-platform solution for managing both physical and virtual assets — in the traditional data center and in the cloud. Its comprehensive configuration management platform includes:

- » **BMC Server Automation** is the industry-leading solution for automated management, control, and enforcement of server configuration changes in the data center.
- » **BMC Network Automation** is the industry-leading solution for automated management, control, and enforcement of network configuration changes in the data center.
- » **BMC Database Automation** is the industry-leading solution for automated management, control, and enforcement of database configuration changes in the data center.
- » **BMC Application Release Automation** is the industry-leading solution for automated management, control, and enforcement of application deployment processes, as well as for application server and database schema configuration changes in the data center.
- » **BMC Cloud Lifecycle Management** brings the best of traditional service management together with the flexibility, scalability, and responsiveness of the cloud architecture.
- » **BMC Atrium Orchestrator** is the industry-leading solution for automated management, control, and enforcement of repetitive tasks across IT people, processes, and technologies in the data center.
- » **BMC Atrium CMDB** is the industry-leading solution for a complete, accurate, and up-to-date view of the people, processes, and technologies that make up the business and IT environment of the data center.
- » **BMC Atrium Discovery** is the industry-leading solution for automated discovery of IT infrastructure in the data center, as well as dependency mapping of relationships to business services.
- » **BMC Atrium Dashboards and Analytics** is the industry-leading solution for current status dashboards, long-term trend analytics, and reports in the data center.
- » **BMC Atrium Service Level Management** is the industry-leading solution for defining and tracking service level requirements, measuring service level compliance, and driving continuous service improvement initiatives, so that IT can proactively meet the needs of the business.

## How BMC Helps

Customers who are not yet ready to dive into building a private or hybrid cloud — or that are looking at ways to prepare for cloud computing — can adopt data center automation in stages. In so doing, they can realize value in incremental steps by building best practices and automated processes over time, which will make the eventual transition to cloud computing seamless. Key incremental steps include:

- » **Service provisioning and configuration** — Define a set of required capabilities for full-stack provisioning, which is essential to building a hybrid, cloud-based data center
- » **Application service delivery** — Release applications that support services in traditional and cloud data centers — from development to production
- » **Compliance automation** — Enable cloud governance through automated, closed-loop change-detection and configuration compliance

## Service Provisioning and Configuration

The general increase in awareness of what it takes to build a cloud has brought renewed interest in the automation required to deliver services. Implementing an automation platform provides immediate benefits for customers, while also building the capabilities needed to deliver services in a hybrid cloud environment later. These trends enhance the value of a consolidated automation platform that rapidly and accurately manages configuration changes for servers, network devices, databases, and applications.

The BMC BladeLogic Automation Suite speeds the process of changing IT components to assure they deliver secure, reliable services. Your administrators will be able to manipulate configuration settings at a more granular level than competitors, reducing the risk of service-impacting misconfigurations. With BMC, your administrators can easily execute one change or many, thereby increasing the number of servers, network devices, databases, and applications they can manage. Change execution across heterogeneous platforms is simplified, enabling IT to respond more quickly to business demands, and service delivery SLAs are met reliably with less effort.

## Application Service Delivery

“Agile Development” is revolutionizing application development organizations, dramatically increasing the number of releases that can be delivered in less time with existing resources. Much like cloud computing has changed customer expectations for service delivery, Agile Development methodologies have irrevocably changed the expectations of those driving and funding application service development. With this tight connection between business value and agile development, automation is not only beneficial — it is an absolute necessity for successful application release.

As part of the BMC BladeLogic Automation Suite, BMC Application Release Automation automates the packaging, promotion, deployment, and selective rollback of application modules to reduce the time, cost, and risk of deploying applications. It handles all the steps — from the time the build is placed in a source control system through its release to the production environment — bridging the gap between development and production. This results in shortened release cycles, application configuration alignment, and consistent updates across groups.

## Compliance Automation

Typically addressed separately from service delivery, compliance auditing, reporting, and remediation activities burden the same staff delivering and maintaining those services, thus reducing staff productivity on revenue-producing services. This diversion of resources can be significant and costly in terms of staff time and compliance-violation penalties.

The BMC BladeLogic Automation Suite delivers a uniform, closed-loop compliance solution that enables you to leverage consistent policies, processes, and tools across physical, virtual, and cloud environments. With BMC, you can quickly achieve compliance with all applicable policies in your environment. Compliance audits are no longer disruptive and expensive, and maintaining compliance becomes a by-product of day-to-day operations, rather than an annual event — eliminating staff time dedicated to compliance auditing, reporting, and remediation. Relying on a uniform set of policies and tools across physical and virtual environments ensures consistency, avoids domain silos, and dramatically improves the ease and effort associated with audits — freeing up your time to innovate and deliver business value.

## Integrated Automation

In addition to providing integrated configuration management for applications, databases, networks, and servers, the BMC BladeLogic Automation Suite also integrates with essential service management components outside the suite:

- » **The BMC Atrium CMDB** enables automated grouping by service, as well as planning of configuration changes based on service impact.
- » **BMC Atrium Orchestrator** is a single workflow automation infrastructure that automates processes across the entire service management environment, eliminating the complexity of a mesh of individual integrations and enabling reuse of each integration by all service management applications.
- » **BMC Change Management**, part of the BMC Remedy IT Service Management Suite, provides pre-built workflows that ensure compliance with enterprise change management by opening change requests for all change jobs, whether operator-initiated or initiated by automated audits.
- » **BMC Service Desk**, part of the BMC Remedy IT Service Management Suite, creates incident tickets (as required by policy violations and the change process) and fully documents activities — from initiation through approval, automatic validation of successful change execution, and closure of tickets and requests.
- » **BMC ProactiveNet Performance Management** correlates server configuration changes with events to rapidly determine root cause and initiate remediation action.

## Available Services

BMC Consulting Services engagements — ranging from architecture and project planning to process and organizational transformation — map to your specific business objectives. In addition, BMC Educational Services provides learning path training across all phases of BSM solutions.

Examples of available services for the BMC BladeLogic Automation Suite include:

- » **Baseline Discovery Audit** —BMC Global Services will help you conduct a baseline discovery audit so you can better understand your environment and its critical dependencies — in as little as 10 days.
- » **Rapid Results for BMC BladeLogic Automation** — BMC will design and implement a server, network, and / or database automation pilot environment — in as little as sixty calendar days.

## RETURN ON INVESTMENT IN ACTION

- » **CARFAX** reduced manual tasks by 40-50 percent and downtime by 74.6 percent.
- » **ADP** reduced time to deploy applications by 70 percent and defect rate to nearly 0 percent.
- » **DISA** reduced security audit time from 3-5 days per system to 12 minutes.

- » **Application Release Automation Solution Planning Workshop** — This 30-day activity helps you define and design a best-in-class full stack provisioning architecture and roadmap for your organization.
- » **BSM Solution Adoption Plan** — A prescriptive solution adoption framework ensures the right team members are trained at the right time with the appropriate knowledge of the solutions being implemented.
- » **The BMC Data Center Automation Learning Path** provides the knowledge that your team needs to optimize the value of moving to an automated environment.

By partnering with BMC Global Services on your BMC BladeLogic Automation Suite implementation, you will:

- » Accelerate time to value with established best practices and predefined services
- » Reduce the cost and risk associated with your implementation
- » Deliver greater predictability with project and program management services and a globally tested and proven methodology
- » Adhere to industry best practices, such as ITIL® and COBIT
- » Enable continuous improvement through process and solution optimization services
- » Educate the right resources at the right time, with relevant content, to drive high levels of end-user adoption

## Business Service Management

By addressing the primary data center challenges through the automation of key tasks and processes across servers, networks, databases and applications, you are taking the critical first step toward Business Service Management (BSM). BSM from BMC is a comprehensive approach and unified platform for running IT that reduces cost and maximizes business impact. BSM is built on a simple but powerful concept: Since business runs on IT, then IT should be run based on business priorities. With BSM from BMC, technologies and processes are executed efficiently and managed based on business needs, so you can deliver new services that create more business value, while also supporting existing services at lower cost.

With BSM from BMC Software, you will deliver measurable results for your business:

- » Deliver existing services up to 30 percent more efficiently
- » Deliver new services up to 50 percent faster
- » Reduce downtime by 75 percent
- » Reduce the cost of compliance by 30 percent
- » Gain 100 percent visibility into your IT spend

## Learn more

To learn more about the BMC BladeLogic Automation Suite, please visit [www.bmc.com/product-listed/bladelogic-automation-suite.html](http://www.bmc.com/product-listed/bladelogic-automation-suite.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 distributed, mainframe, virtual and cloud environments. Recognized as the leader in Business Service Management, BMC offers a comprehensive approach and unified platform that helps IT organizations cut cost, reduce risk and drive business profit. For the four fiscal quarters ended December 31, 2010, BMC revenue was approximately \$2 billion.