

# BMC Big Data Solutions

Automate, optimize, and protect big data infrastructure in the digital enterprise

## DATA, DATA, EVERYWHERE

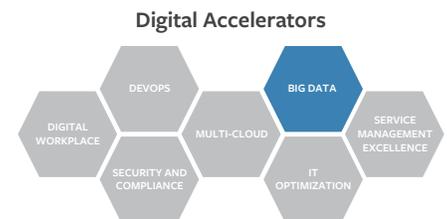
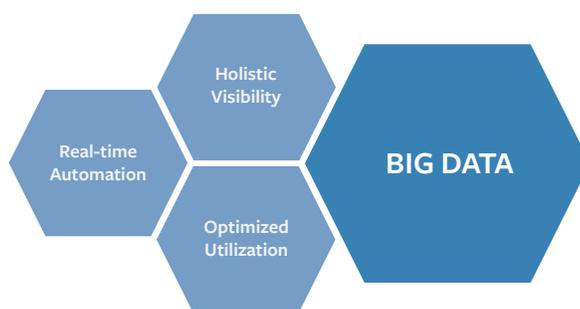
Digital business continues to evolve rapidly, generating huge amounts of data and new types of data at an increasingly faster pace. **Business growth and survival are dependent on being able to deliver more value to customers, faster and more efficiently than the competition.** To accomplish this, companies need insight—the deep and accurate understanding that big data analytics can deliver.

## CHALLENGES

To gain customer and business insights that drive growth and competitive advantage, companies need a sophisticated and scalable approach to managing their big data environment. Mastering big data is fundamental to successful digital transformation—and failure can cripple an organization’s ability to meet customer expectations and competitive pressure.

## BMC SOLUTION

**BMC big data solutions provide market leading technology designed to leverage and connect with existing open source and commercial big data tools.** These solutions help organizations build, maintain, and optimize big data infrastructure and their enterprise information management ecosystem, and bring the power of enterprise-grade automation to enable agility, operational excellence, and a competitive edge in the digital age.



## FEATURES

### Automation

- Automate batch processing in real-time across multiple, disparate platforms
- Enable service-aware decisions with holistic views of big data infrastructure

### Visibility

- Gain end-to-end process visibility with a single view across Hadoop® workflows
- Get visibility into capacity utilization in and across Hadoop cluster

### Capacity Optimization

- Visualize capacity needs and bottlenecks to accurately allocate Hadoop IT resources
- Increase control of CAPEX and OPEX and track costs with chargeback/showback

## BENEFITS

### Speed

- Streamline and simplify Hadoop batch workflow creation, processing, and scheduling Integration

### Integration

- Integrate Hadoop with the rest of the enterprise application stack without scripting

### Efficiency

- Plan and right-size big data compute, storage, and network resources

## BMC BIG DATA SOLUTIONS

### Control-M for Hadoop®

Data managed in Hadoop comes from many different sources. Control-M for Hadoop accelerates the delivery of big data projects, providing rapid data ingestion and integration with native Hadoop interfaces and ensuring complete enterprise job scheduling performance in production. With Control-M Automation API, big data developers can accelerate the build, test, and deployment pipeline by using modern DevOps tools to integrate job workflows directly into the application development cycle. Organizations can streamline and simplify their Hadoop deployments to drive more value, faster, from their big data initiatives.

### TrueSight Capacity Optimization

Balancing vast amounts of data with a seemingly infinite scale-out infrastructure requires ongoing capacity optimization. By visualizing capacity needs and application performance bottlenecks, IT can accurately allocate Hadoop servers, network, and storage resources for new and ongoing services to deliver the right resources at the right time, which means better control over CAPEX and OPEX.

### TrueSight Operations Manager

Hadoop brings a growing stack of applications, infrastructure, and data, which add new challenges to delivering operational and business services as expected. To identify, prevent, or resolve IT infrastructure performance issues, it is essential to collect and analyze Hadoop, infrastructure, and application-centric metrics across the enterprise. With the ability to learn operational norms, reveal abnormalities, determine probable-cause, and prioritize impact, you can quickly pinpoint and automatically remediate performance bottlenecks and failures, ensuring service level agreements and customer expectations are being met.

### Discovery

Discovery automatically creates a dynamic, holistic view of big data infrastructures including Hadoop, storage, analytics, and consuming processes, giving IT crucial visibility into how they enable the digital business.

### FOR MORE INFORMATION

To learn more about big data solutions from BMC, please visit [bmc.com/bigdata](http://bmc.com/bigdata)



### Customer Spotlight **NAVISTAR®**

-  **Background:** A leading manufacturer of commercial trucks, buses, defense vehicles, and engines
-  **Challenge:** Automate the collection, normalization, and processing of big data in a Hadoop environment.
-  **BMC Big Data Solution:** BMC Control-M for Hadoop enables Hadoop workflows to be developed, scheduled, managed, and monitored with other enterprise workloads—all in a single solution.
-  **Results:** Previously, two engineers worked full-time collecting and transforming OnCommand data. Currently, the task is done automatically and immediately. Control-M saves engineers 20% of their work time by automatically collecting and reporting on the results of cybersecurity vulnerability scans.

**cloudera** Cloudera®  
Certified Partner

**MAPR** MapR® Certified  
Technology Partner

**HORTONWORKS** Hortonworks® HDP  
Certified Partner

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to fast track digital business from mainframe to mobile to cloud and beyond.

**BMC – Bring IT to Life**

**BMC digital IT transforms 82 percent of the Fortune 500.**



BMC, BMC Software, the BMC logo, and the BMC Software logo, and all other BMC Software product and service names are owned by BMC Software, Inc. and are registered or pending registration in the US Patent and Trademark Office or in the trademark offices of other countries. All other trademarks belong to their respective companies. © Copyright 2017 BMC Software, Inc.



\* 4 8 3 8 6 7 \*