



## BMC MAINVIEW Transaction Management Family for Mainframes

### KEY BENEFITS

- > Tracks complex transactions through the z/OS enterprise as the transactions travel through CICS, DB2, IMS, and WebSphere MQ
- > Makes it easy to pinpoint problems by correlating and consolidating transaction information from different systems
- > Improves debugging capabilities by providing information about the flow of the transaction and by showing where delays occurred
- > Simplifies complex z/OS environments by showing what happened to a transaction while it was in z/OS
- > Delivers workload management with an application view that spans host systems
- > Offers application monitoring of systems as a single entity

In today's Web-enabled world, businesses have added Web front-ends to heritage databases. How can businesses monitor and manage applications that span heterogeneous platforms and parallel sysplexes? BMC MAINVIEW Transaction Management Family for Mainframes addresses this level of complexity by monitoring complex transaction response times and enabling rapid determination of the root cause of problems and capacity requirements for application growth.

### BUSINESS CHALLENGE

The mainframe has evolved from being the dominant platform for processing critical applications to one platform among many; applications now span multiple subsystems and platforms. This level of complexity changes the meaning of monitoring and managing response times, and it makes it difficult to determine the root cause of problems. Pinpointing problems becomes difficult, if not impossible. Users need tools that monitor, troubleshoot, tune, isolate, and resolve problems across complex heterogeneous computing environments and applications.

### THE BMC SOLUTION

BMC MAINVIEW Transaction Management Family for Mainframes correlates the resources used by complex transactions across multiple mainframe subsystems. This family of products uses existing data from BMC MAINVIEW monitoring products to provide a consolidated view of the activities of transaction components to give you a single source of information to analyze a wide spectrum of problems. Transaction components are correlated and aggregated into a single view and format that the user can easily understand; the consolidated data is presented in near real-time (within sub-seconds after the transaction completes).

Business applications and systems are very complex. An example of a typical banking transaction today is an ATM withdrawal. A customer requests money, and the transaction could travel from WebSphere MQ to CICS to update the IMS database, then the transaction is returned to WebSphere MQ to print a receipt. If something goes wrong anywhere along the line, how will the technicians supporting the application find the error? Where should they start looking? And how quickly will they be able to resolve the problem? Will they be able to meet service level agreements (SLAs)?

The BMC MAINVIEW Transaction Management family helps you determine the root cause of both operational and performance problems by correlating each of the components of a complex transaction and allows you to hyperlink with context to a BMC MAINVIEW monitoring product for further detailed analysis. In addition, this product family allows you to determine whether application service levels are being achieved by monitoring service levels from the perspective of corporate business components.

BMC MAINVIEW Transaction Management Family for Mainframes includes:

- > **BMC MAINVIEW Transaction Analyzer:** Uses exclusive technology to correlate the resources used by complex transactions across multiple systems. BMC MAINVIEW Transaction Analyzer uses existing data from other BMC MAINVIEW monitoring products to provide a consolidated view of the activities of components to give you a single source of information to analyze a wide spectrum of problems.
- > **BMC MAINVIEW VistaPoint:** Leverages, and is built on, the advanced BMC MAINVIEW product architecture to provide an integrated performance management environment for z/OS, CICS, DB2®, and IMS. By monitoring service levels from the perspective of corporate business components, BMC MAINVIEW VistaPoint provides a panoramic view of applications at a glance, displaying whether application service goals are being achieved.

## FEATURES

- > Tracks complex transactions through a sysplex as the transactions travel through CICS, DB2, IMS, and WebSphere MQ
- > Makes it easy to pinpoint problems by correlating and consolidating transaction information from different systems
- > Improves debugging capabilities by providing information about the flow of the transaction and by showing where delays occurred
- > Simplifies complex z/OS environments by showing what happened to a transaction while it was in the sysplex
- > Provides application monitoring of systems as a single entity with Single System Image (SSI)
- > Delivers application management and availability



## PART OF A COMPREHENSIVE SOLUTION

BMC MAINVIEW Transaction Management Family for Mainframes is part of a comprehensive offering of solutions for complete infrastructure management of the mainframe environment. Other solutions are available for:

- > CICS, DB2, IMS
- > z/OS
- > Mainframe messaging (MQ)
- > Mainframe application servers (WebSphere)
- > Storage management
- > Mainframe networks (IP and VTAM)
- > Batch optimization
- > Capacity management
- > Performance reporting
- > Application tuning and optimization

The BMC MAINVIEW families are integrated with each other, and with the BMC Business Service Management components.

## BMC MAINVIEW SOLUTIONS: THE INVESTMENT THAT ENSURES YOUR SUCCESS

If the mainframe is a critical part of your business services, then you do not want to trust its availability and performance to sub-standard or cobbled-together monitoring products. The BMC MAINVIEW solutions deliver distinctly better software, designed specifically to provide a fully integrated set of capabilities for multi-image, multi-system environments and built to ensure maximum availability and performance. They are your best investment for ensuring future success.

## ABOUT BMC SOFTWARE

BMC Software delivers the solutions IT needs to increase business value through better management of technology and IT processes. Our industry-leading Business Service Management solutions help you reduce cost, lower risk of business disruption, and benefit from an IT infrastructure built to support business growth and flexibility. Only BMC provides best practice IT processes, automated technology management, and award-winning BMC® Atrium™ technologies that offer a shared view into how IT services support business priorities. Known for enterprise solutions that span mainframe, distributed systems, and end-user devices, BMC also delivers solutions that address the unique challenges of the midsized business. Founded in 1980, BMC has offices worldwide and fiscal 2006 revenues of more than \$1.49 billion. Activate your business with the power of IT. [www.bmc.com](http://www.bmc.com).



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