

# MAINVIEW® AutoOPERATOR™

## Key benefits

- Uses out-of-the-box, automated solutions and samples to provide unlimited management of multiple environments
- Streamlines operations for greater service with automated OS/390 and z/OS systems and subsystems
- Provides automation for OS/390 and z/OS, CICS, IMS, MQSeries, NetView, and SAP
- Provides seamless integration with BMC Software mainframe monitoring products
- Provides OCD displays for subsystems
- Provides ALERT displays and connection to outboard notifications

## Business challenge

IT organizations must ensure high availability of systems and key subsystems to respond to the accelerating requirements fueled by the Internet economy. Meeting this demand requires advanced automation, problem analysis, and correction, all performed with reduced operations resources.

## BMC Software solution

MAINVIEW AutoOPERATOR is a fully integrated BMC Software product family that provides tools, techniques, and applications to improve both productivity and availability. With MAINVIEW AutoOPERATOR products, many data center tasks can be automated through the use of Rules, EXECs, timer facilities, and command interfaces.

MAINVIEW AutoOPERATOR provides solutions to many problems that are common across data centers.

The MAINVIEW AutoOPERATOR product family is completely integrated, from installation through online usage and Rules. For example, an MQSeries event Rule can issue a CICS or MVS command, if the corresponding MAINVIEW AutoOPERATOR product is active. And new MAINVIEW AutoOPERATOR products can be added into an existing configuration without reinstalling the existing products.

All MAINVIEW AutoOPERATOR product options provide

- a simple, non-procedural Rules interface to automate event handling
- the ability to run advanced automation routines written in REXX
- ALERTs to e-mail, pagers, and SNMP managers by means of easy-to-use sample EXECs
- integration with the MAINVIEW monitor products and MAINVIEW Alarm Manager, as well as PATROL® for SAP Solutions and PATROL Enterprise Manager

## Automation

MAINVIEW AutoOPERATOR provides a simple, form-driven Rules interface that enables you to select and respond to events. You can use REXX EXECs to create advanced automation Rules.

MAINVIEW AutoOPERATOR supports a wide variety of event sources, including

- OS/390 and z/OS system messages and commands
- IMS and CICS transactions
- MQSeries messages and events

- time-based events

## Integration

MAINVIEW AutoOPERATOR is completely integrated with the MAINVIEW monitoring products; they use the same interface and installation procedures. This seamless integration enables you to correct problems before they cause costly outages.

MAINVIEW AutoOPERATOR uses bidirectional integration with IBM SA/390 and NetView products.

MAINVIEW AutoOPERATOR AOAnywhere uses TSO and batch interfaces to access AutoOPERATOR subsystems across the sysplex.

## ALERT management

MAINVIEW AutoOPERATOR manages ALERTs for multiple mainframe systems. It supports single point-of-exception management with unique ALERT consolidation and grouping features. Features include automatic ALERT aging, automatic ALERT escalation, and ALERT retention across system restarts. The Continuous State Manager™ ensures that important systems and subsystems are available when key applications need them.

MAINVIEW AutoOPERATOR compares a desired state against the actual state of the system and subsystems and uses the exception mode to show objects that differ in the actual state and desired states.

## Operator displays

With MAINVIEW AutoOPERATOR, you can monitor and manage

- OS/390 and z/OS console messages
- VTAM resources
- IMS resources
- CICS resources
- MQSeries resources
- SAP

## Automates alarms

MAINVIEW Alarm Manager allows MAINVIEW AutoOPERATOR to capture events from other MAINVIEW products and alarms to be presented for automation. It contains Rules that generate MAINVIEW AutoOPERATOR ALERTs based on information passed by MAINVIEW Alarm Manager.

MAINVIEW AutoOPERATOR synchronizes ALERTs with PATROL® Enterprise Manager to provide automation across the enterprise. MAINVIEW AutoOPERATOR also integrates ALERTs with

- MAINVIEW Alarm Manager
- PATROL for SAP Solutions
- MAINVIEW SYSPROG Services Advanced Early Warnings
- MAINVIEW Infrastructure monitoring messages

## Notification

MAINVIEW AutoOPERATOR provides ALERTs displays as well as connections to outboard notification such as

- PATROL Enterprise Manager products
- SNMP managers
- E-mail systems
- Paging systems

## Ease of use

MAINVIEW AutoOPERATOR provides solutions and samples that make it easy to implement and customize automation in your environment. Standard solutions for OS/390 and z/OS, CICS, DB2, and communications are provided. A sample that shows integration with a web browser using WebSphere Application Server is also provided.

MAINVIEW AutoOPERATOR uses Object State Management to maintain critical service availability.

## Products

BMC Software provides the following MAINVIEW AutoOPERATOR products

- MAINVIEW AutoOPERATOR Access NV
- MAINVIEW AutoOPERATOR for CICS
- MAINVIEW AutoOPERATOR for IMS
- MAINVIEW AutoOPERATOR for MQ Series
- MAINVIEW AutoOPERATOR for OS/390
- MAINVIEW AutoOPERATOR for SAP High Availability

## About BMC Software

BMC Software, Inc. [NYSE: BMC], is the leading provider of enterprise management solutions. The company focuses on Assuring Business Availability® for its customers by helping them proactively improve service, reduce costs and increase value to their business. BMC Software solutions span enterprise systems, applications and databases. Founded in 1980, BMC Software has offices worldwide and is a member of the S&P 500, with fiscal year 2002 revenues of approximately \$1.3 billion. Visit <http://www.bmc.com> to learn more.

Copyright 2003 BMC Software, Inc., as an unpublished work. All rights reserved.

BMC Software, the BMC Software logos and all other BMC Software product or service names are registered trademarks or trademarks of BMC Software, Inc. IBM and DB2 are registered trademarks of International Business Machines Corp. All other registered trademarks or trademarks belong to their respective companies.

Doc# 26973 05/03