BMC Database Management Solutions for IMS™

Upgrade your database and transaction management solutions to reduce mainframe costs and prevent business outages

Digital Accelerators

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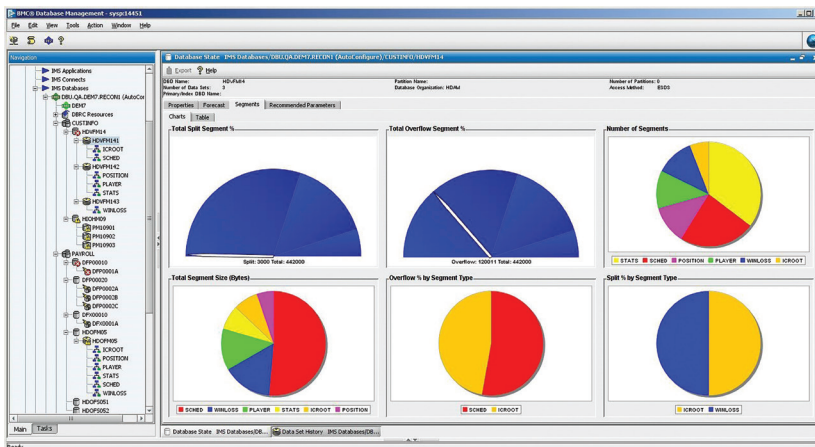
PRODUCT DESCRIPTION

BMC Database Management Solutions for IBM® IMS™ reduce your total cost of ownership, improve performance, increase availability, maximize productivity, and reduce risk for your IMS databases, systems, and applications.

BUSINESS CHALLENGE

IMS data is growing, IT budgets are shrinking, and IMS expertise is harder to find. Continuous availability and performance requirements, as well as expensive CPU cycles, strain maintenance schedules. Today's database administrators (DBAs) grew up with easy-to-use graphical user interfaces (GUIs) and intuitive tools. Now they need to learn how to manage IMS. **How will they be able to manage complex IMS environments to provide optimal performance and continuous availability?**

BMC SOLUTION

Your data is arguably your organization's most valuable asset, so you must ensure that it is secure, available, and performing at levels required to meet your business goals. At BMC, data is our business. **We make sure your IMS databases and systems are secure and recoverable, perform optimally, and are available for your applications when they need them**. Whether you need to reduce processing costs, improve availability or productivity, or reduce risk, BMC database management solutions for IMS can help. With BMC, you can manage more data more effectively than ever before.

KEY FEATURES

BMC Database Management Solutions for IMS help ensure availability and reduce costs.

- **Proactively manage IMS maintenance**
- **Reduce unnecessary costs** by saving I/O, CPU, and storage resources
- **Prevent unplanned outages** and manual efforts to maximize availability
- **Improve productivity** with automatic database statistics collection

KEY BENEFITS

- **Ensure availability and minimize unplanned downtime**
- **Simplify and automate** IMS database maintenance to **increase productivity**
- **Reduce costs and increase your return on IMS investment**
- **Stay on alert** when an IMS database needs maintenance

THE SOLUTIONS

- **BMC MAXM Database Advisor for IMS:** Automates IMS database maintenance
- **BMC Reorganization Solutions for IMS:** Maintains near-continuous access to IMS during a reorganization
- **BMC Backup and Recovery Solutions for IMS:** Provides copy, change accumulation, and recovery management
- **BMC System Administration and System Performance for IMS:** Monitors, manages, and automates complex IMS environments

PRODUCT DETAILS

BMC MAXM Database Advisor for IMS: Proactively manages IMS database maintenance and prevents unplanned outages. An easy-to-use interface helps you work with full-function, HALDB, and Fast Path databases.

- Reorganizes only those databases that need to be reorganized, saving on CPU, I/O, and storage resources

- Determines what databases need maintenance and when, and notifies you to take action

- Eliminates unnecessary maintenance, unplanned outages, manual effort, and errors to maximize availability

- Collects database statistics automatically and generates the necessary utility jobs

- Enables less-experienced DBAs to manage IMS databases

BMC Reorganization Solutions for IMS: Performs maintenance only on objects that require it, and enables you to maintain near-continuous access to IMS during a reorganization. The solutions support both HALDB and full-function databases:

- BMC MAXM Reorg/Online for IMS eliminates downtime for performance-related reorganizations and dramatically reduces downtime for complete reorganizations.

- The online/defrag feature reorganizes just the portion of a database that is causing performance problems.

- The solution dramatically reduces downtime for database restructuring. You can implement compression, change access methods, and more — in minutes rather than hours.

For Fast Path databases:

- BMC Fast Path Online Restructure/EP enables you to make structural changes with no outage.

- BMC Fast Path Online Reorg and Restart maximizes data availability, improves database performance, and eliminates recoveries. You can perform offline or online maintenance, including reorganization, analysis, image copy, and recovery.

BMC Pointer Checker Plus: Validates, analyzes, and repairs IMS databases to improve application availability and performance. Proactively monitor database space utilization and identify problems.

BMC Partitioned Database Facility for IMS: Enables database partitioning without the restrictions of HALDB. You can increase database size by a factor of 100 with no application changes.

BMC Backup and Recovery Solutions for IMS: Downtime is expensive, and you need to be prepared to recover quickly and get all applications back online. About 80 percent of database recoveries are the result of user or application errors, so you need a local backup/recovery and disaster recovery plan.

BMC System Administration for IMS: Implement changes quickly, with integrity, and keep IMS available and performing optimally. The solution helps you make dynamic, coordinated changes across multiple IMS systems, simplifies managing IMS logs, message queues, and IMS Connect, and analyzes the impact of a change before implementing it. The solution includes the following products: BMC Delta Plus Virtual Terminal, BMC Extended Terminal Assist, BMC Energizer for IMS Connect, BMC Log Analyzer for IMS, BMC Message Advisor for IMS.

BMC System Performance for IMS: Monitor, manage, automate, and optimize complex IMS environments. The solution ensures the availability, performance, and throughput of IMS business applications and identifies IMS performance problems so that you can correct them before they cause outages. The solution includes the following products: BMC MainView for IMS Online, BMC MainView for IMS Offline, BMC MainView for DBCTL.

FOR MORE INFORMATION

To learn more about BMC database management solutions for IMS, please visit **bmc.com/ims**

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.**

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