BMC AMI Data Solutions for IMS™/TM

Implement changes with integrity while eliminating IMSGENs. Simplify message management, IMS Connect enablement, and problem determination.

PRODUCT DESCRIPTION

BMC AMI Data solutions for IMS/TM enable dynamic, coordinated changes across multiple IMS systems without the need for an IMSGEN and enable you to analyze the impact of a change before implementing it. The solutions improve the availability of IMS systems by preventing message queue overflows and reducing the time required to find the root cause of problems. The solutions simplify the management of IMS Connect.

BUSINESS CHALLENGE

Managing sysplex environments, exploiting data sharing technology, and opening IMS to the web can present many challenges, including keeping application definitions synchronized, making IMS data available, ensuring availability and integrity around the clock, and preventing increased IMS transactions from overwhelming an IMS system. In this ever-changing environment, you must be able to implement changes quickly, with integrity, and keep IMS available and performing optimally.

BMC SOLUTION

BMC AMI Data solutions for IMS/TM make it easy for the new generation of system programmers to manage complex IMS environments efficiently and effectively. The solutions provide an intuitive graphical user interface that enables users to implement definition changes, manage IMS Connect, and find the root cause of problems quickly and easily.

KEY FEATURES

BMC AMI Data solutions for IMS TM makes it easy to manage your IMS systems. The solutions provide:

- **Dynamic changes** to IMS system definitions and the IMS Connect environment
- **A high-level view of application flow** for a single IMS or your entire IMS environment
- **Detailed audit trails** of system definition updates and user, terminal, database, and other activities

KEY BENEFITS

- **Eliminates IMS downtime** and improves system programmer productivity by dynamically changing system resource definitions, thereby eliminating IMSGENS
- **Ensures system integrity** through coordinated changes
- **Prevents costly errors** by providing interactive analysis of the impact of a system resource definition change
- **Simplifies** IMS problem analysis
- **Simplifies** management of IMS Connect

You can manage applications, databases, subsystems, and IMS Connect through the BMC Console for IMS.
PRODUCT DETAILS

The BMC AMI Data solutions for IMS/TM include the following products:

**BMC AMI Change Manager for IMS TM and BMC AMI Change Manager for DBCTL** products enable continuous IMS availability by making it easy to add databases, programs, transactions and route codes without an IMSGEN. The products verify the validity and accuracy of IMS resource definition changes before implementing them and synchronize changes across related IMS systems ensuring that you don’t have inconsistent resource definitions. BMC AMI Change Manager for IMS TM and BMC AMI Change Manager for DBCTL products provide an audit trail of resource definition changes and record all resource definition updates made to the IMS control region for an automatic, optimized IMS restart. BMC AMI Change Manager for IMS TM and BMC AMI Change Manager for DBCTL products make it easy for you to keep an inventory of the IMS environment and relationships between IMS resource definitions and to keep multiple IMS systems synchronized with Compare utilities.

**BMC AMI Change Manager Virtual Terminal for IMS** eliminates IMSGENs for 3270, SLUP and SLU2 terminals, local and remote LTERMs, and SLU1 and 328x printers. It automatically defines virtual printers to IMS when output is available for eligible printers. It simplifies IMS virtual device management, including automatic device signoff or logoff, automatic dequeue of messages, and automatic exit of conversations.

**BMC AMI Extended Terminal Assist for IMS** eliminates the need for an ETO license, which reduces mainframe monthly license charge (MLC) software costs for IBM software, and provides additional benefits. BMC AMI Extended Terminal Assist for IMS completely eliminates the need to write user exits and provides quick and simple system modifications through an easy-to-use interface. Administrators or systems support personnel can add or modify terminals quickly and easily, freeing their time for more productive tasks.

**BMC AMI Energizer for IMS Connect** enables you to tailor how IMS Connect operates in your environment, eliminates the need to code assembler language exits, balances workloads, enables dynamic changes, and prevents outages caused by runaway transactions overloading datastores. You can create “virtual exits” that require no coding at all, and you can use assembler-written exits and enable advanced features—such as reloading processing options and exits—without recycling IMS Connect. The product prevents outages by allowing you to specify the volume and the rate at which IMS Connect receives messages; if your criteria are exceeded, messages are rejected and outages are prevented.

**BMC AMI Log Analyzer for IMS** makes it easy to diagnose problems by correlating data from the IMS logs into an application flow. It groups related records into logical units of work (LUOWs). The product provides an overview of application processing, regardless of how many transaction message switches occurred or how many IMS systems were involved. It helps less experienced technicians understand application flows by showing a transaction in context other activity that was occurring in the system.

**BMC AMI Message Advisor for IMS** monitors and manages IMS message queues to prevent outages in both shared and local queue environments and it significantly improves IMS restart times. BMC AMI Message Advisor for IMS continuously tracks the state of the IMS message queues, compares the queue usage to user-defined thresholds, sends warning messages, and can take preventative actions. With BMC AMI Message Advisor for IMS, you can easily analyze message queue contents, remove unwanted messages from the queue, and more.

The **BMC Console for IMS** provides a single, easy-to-use graphical user interface (GUI) for managing IMS systems and databases. Through the interface, you can view statistics for and perform operations on all your IMS databases, whether on one z/OS instance or spread across many instances in many physical locations.

FOR MORE INFORMATION

To learn more, please visit [bmc.com/ims](http://bmc.com/ims)