BMC AMI Energizer for IMS Connect

Simplify the management of IBM® IMS™ Connect

PRODUCT DESCRIPTION
BMC AMI Energizer for IMS Connect improves availability and simplifies the use of IMS Connect in your environment. It eliminates the need to code assembly language exits, balances workloads, enables dynamic changes, and prevents outages caused by runaway transactions overloading datastores.

BUSINESS CHALLENGE
System administrators are using IMS Connect to make their IMS data available to digital applications. But resources are limited, and coding the required functions, monitoring for potential problems, tracking system changes, and managing transactions are difficult and labor-intensive tasks. Furthermore, using IMS Connect has several limitations, as it does not handle unpredictable volumes and workload balancing well, makes gathering diagnostics difficult, and requires assembler exits to be written and maintained.

BMC SOLUTION
BMC AMI Energizer for IMS Connect enhances the functionality of IMS Connect by allowing you to tailor how it operates in your environment. The product expands the functionality of IMS Connect by delivering a diverse set of monitoring, management, and security functions; eliminating the need to write IMS Connect exit routines; and eliminating IMS Connect related-outages.

KEY FEATURES
BMC AMI Energizer for IMS Connect makes transaction management easier, more efficient, and more secure.

- No outages required – All changes are made dynamically
- Easy-to-use interface – Available in GUI and ISPF to meet the needs of all knowledge levels
- Improved performance – Enables easy tuning of IMS message traffic to improve IMS performance
- Lower risk to transactions and data – Makes it easy to trace and audit application messages

KEY BENEFITS
- Better availability through dynamic changes that do not require an outage
- Improved productivity by eliminating the need for coding assembler exits
- Reduced costs through more efficient workload balancing
- Better security for transactions that come through IMS Connect

BMC AMI Energizer for IMS Connect provides management and insight into transactions that flow through IMS Connect.
PRODUCT DETAILS

Reduces outages: BMC AMI Energizer for IMS Connect enables dynamic changes, reducing the number of times IMS Connect must be recycled. It prevents outages caused by runaway transactions that overload the data stores.

Provides enhanced visibility for IMS Connect: BMC AMI Energizer for IMS Connect integrates with BMC AMI Ops for IMS to enable monitoring of IMS Connect. You can monitor statistical and diagnostic information needed to track messages running through IMS Connect. BMC AMI Energizer for IMS Connect enables you to view active client activity in IMS Connect and stop any problem clients or orphaned clients.

Provides dynamic workload balancing: The DataStore Router balances workloads by directing transactions to the datastore that is best capable of processing the request. Workload balancing protects datastore availability by routing transactions based on Workload Manager (WLM), sysplex routing services, and statistical balancing.

Increases productivity and reduces errors: BMC AMI Energizer for IMS Connect eliminates the need to write IMS Connect exit routines. You can create “virtual exits” that require no coding at all. You can use assembler-written exits and enable advanced features—such as reloading processing options and exits—without recycling IMS Connect.

Provides a window into ODBM: BMC AMI Energizer for IMS Connect enables you to route traffic to specific Open Database Manager (ODBM) address spaces by providing virtual aliases and result grouping. It enables tracing and journaling of Distributed Relational Database Architecture (DRDA) requests and replies so that you can easily diagnose ODBM-related problems. BMC AMI Energizer for IMS Connect gathers and displays ODBM statistical information by routing aliases, PSBs, user IDs, IP addresses, ports, and ODBM address spaces.

Enhances transaction security and protection: BMC AMI Energizer for IMS Connect protects against overload on an IMS system. The Workload Governor prevents outages by allowing you to specify the volume and rate at which IMS Connect receives messages. If your criteria are exceeded, messages are rejected and outages are prevented. The product provides comprehensive security for messages entering through IMS Connect.

Auto cancel inactive clients: By defining an inactivity interval, you can automatically cancel idle OTMA clients that are connected to IBM IMS Connect. This minimizes the IMS Connect resources that idle OTMA connections use.

Port-level security: You can enable a port that will be exclusively used to issue BMC AMI Energizer for IMS Connect commands and messages. Commands coming in from other ports will be rejected and no OTMA messages will be accepted by the command only port.

Offers tight integration with BMC AMI Ops for IMS: You can see all IMS Connect instances from a single BMC AMI Ops for IMS view. A regions view displays IMS Connect messages. The BMC AMI Ops for IMS response times enables you to track IMS Connect times. You can issue IMS Connect and BMC AMI Energizer for IMS Connect commands directly from BMC AMI Ops for IMS.

The BMC IMS console provides a single, easy-to-use graphical user interface (GUI) for managing IMS systems and databases. From the GUI, you can view statistics 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 about BMC AMI Energizer for IMS Connect, please visit bmc.com/ims.