

BMC Application Accelerator for IMS™

Automatically and dynamically reduce CPU utilization and elapsed time for IBM® IMS™ applications

PRODUCT DESCRIPTION

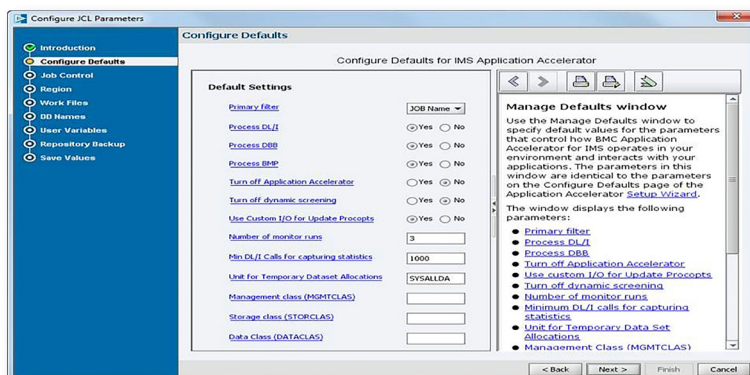
Application Accelerator for IMS (AAI) on IBM® z/OS® helps customers lower their IMS costs by reducing peak CPU utilization and the elapsed time associated with IMS batch workloads. IMS BMP, DLI, and DBB application I/O can be automatically tuned to improve efficiencies and **lower CPU usage by up to 50% and elapsed time by up to 80%**, potentially saving the company millions of dollars each year.

BUSINESS CHALLENGE

IMS continues to be a critical business platform for many IBM® z Systems® customers, yet the cost to run and operate IMS increases each year. While the amount of data IMS manages is continuing to grow, the windows available to run IMS batch applications must shrink to meet customer demands for 24x7 digital business performance and mobile access. These requirements place performance and availability challenges on IMS applications, including IMS batch processing. Today's lean IMS technical teams do not have the resources or time to optimize batch performance, and as a result, the cost of running batch jobs is rising.

BMC SOLUTION

Application Accelerator for IMS is an **intuitive** and **dynamic** automation solution for IMS BMP, DLI, and DBB applications, providing optimization that can **reduce CPU usage and elapsed time**, ultimately lowering the cost of running IMS. The solution requires no changes to applications or job control language (JCL), and can automatically identify those jobs that need optimizing by analyzing their historical processing profiles. IT staff can easily track which jobs are optimized, along with the resulting savings.



Digital Enterprise Management Solutions



KEY FEATURES

BMC Application Accelerator for IMS (AAI) reduces IBM monthly license charge (MLC) costs and maximizes availability by dynamically optimizing IMS applications.

- **Easy-to-use interface** – AAI is easy to implement, and provides a policy-driven method for you to manage IMS by simply specifying the job filter and optimization criteria
- **Requires no application changes** - using job name pattern matching, IMS jobs can be identified and optimized without requiring changes to the applications or JCL
- **Reports on improvement and savings** – a reporting facility displays jobs that are optimized and reports on CPU and elapsed time savings by job
- **Learns and automates** – monitors jobs (based on your policy) to learn how they execute and determines which optimization techniques are best for the jobs

KEY BENEFITS

- **Reduce IBM MLC costs** by reducing CPU usage of IMS batch applications by up to 50%
- **Maximize availability** by reducing IMS application elapsed time, some by up to 80%
- **Spend less time** managing IMS application performance and CPU usage by using AAI to automate the optimization
- **Report on success** to ensure savings are communicated to the business

Application Accelerator for IMS provides an easy-to-use interface for managing and optimizing your IMS batch applications.

PRODUCT DETAILS

Reduce batch impact on peak

Application Accelerator for IMS helps you reduce your MSU peak for IMS, which means you can reduce the peak CPU usage that IBM uses as a basis for charging your IMS systems on an MLC software model. Customers tell us that more and more batch jobs are running during the peak times of the month. This means that optimizing IMS batch applications is critical for minimizing cost. AAI can analyze, identify, and optimize the IMS batch jobs that are consuming the highest CPU at peak. Significant savings can be achieved, sometimes as high as 50%.

Maximize availability with shorter batch windows

The time it takes for an IMS batch application to complete also impacts your business. Digital business requirements and the explosion of data are causing many IMS batch applications to run longer than in prior years. Let AAI identify which jobs can be optimized to complete faster, and your batch windows can be significantly shortened, sometimes by up to 80%.

Application Accelerator for IMS provides the following capabilities:

Optimizes a variety of application types and IMS versions

- Supports BMP, DLI, and DBB applications

- Supports IMS versions 10.1 and above
- Generates optimized JCL, without requiring you to write new JCL or make application changes

Dynamically optimizes job parameters (depending on job type)

- OSAM and VSAM buffers
- Dynamic OSAM sequential buffering
- Enhanced I/O optimization

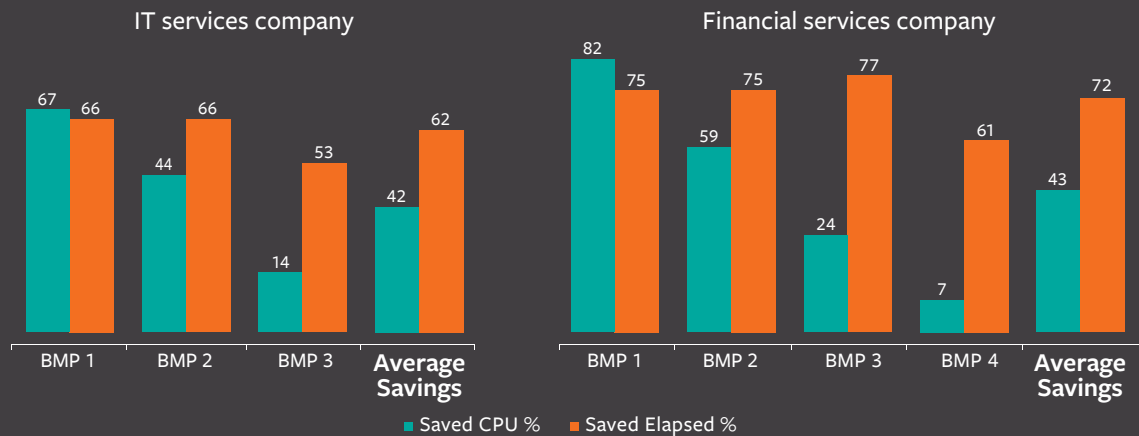
Easy to implement using policies

- Policy-driven operation means you simply specify the job filter and optimization criteria
- Monitors jobs (specified by the policy) to learn how they execute and determines which optimization techniques are the best for each job
- Dynamically intercepts IMS batch jobs to optimize based on your policy

FOR MORE INFORMATION

To learn more about BMC Application Accelerator for IMS, please visit bmc.com/it-solutions/application-accelerator-ims.html

AAI Customer Results



 Customers are achieving significant CPU reduction and elapsed time savings with AAI.

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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