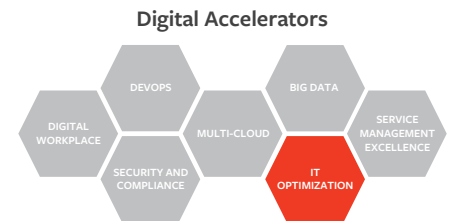


MainView Batch Optimizer

Optimize batch workloads without costly manual changes to jobs or job control language (JCL)



PRODUCT DESCRIPTION

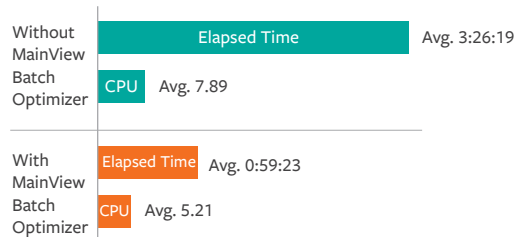
MainView Batch Optimizer provides vastly improved batch job runtimes. Its insight into your mainframe batch processing environment means jobs run at peak efficiency and meet the demands of digital business. It reduces cost with dynamic data optimization techniques, such as job piping and adaptive processing, and by pinpointing which jobs would benefit the most from these techniques.

BUSINESS CHALLENGE

The rapid pace of digital business has created management challenges as business applications continue to grow and environments become increasingly complex. Global demands and the mainframe's key role in digital business make it difficult for IT to cost-effectively manage batch processing manually and still get jobs completed in a timely manner. Changes are often deferred with manual processes because of the fear of introducing JCL errors, which can result in missing the shrinking batch window and impact key business services. Batch jobs haven't kept pace with the advances in hardware and OS technologies, resulting in inefficient batch run times that waste expensive resources.

BMC SOLUTION

MainView Batch Optimizer helps meet digital business objectives by delivering fast batch processing and dynamic, targeted optimization to dramatically improve performance while reducing costs. Jobs take less time, which allows more time to solve problems and meet service level agreements for batch and online processing.



KEY FEATURES

MainView Batch Optimizer streamlines batch processing and optimizes job run times.

- **Fast** – Reduce elapsed times for batch processes
- **Optimized** – Quickly and easily optimize VSAM, QSAM, BSAM, and BPAM data sets to eliminate I/Os and tape mounts
- **Easy** – Simplify batch job prioritization to determine which jobs benefit the most from I/O optimization and parallel execution
- **Dynamic** – Locate batch jobs most in need of I/O optimization and leverage piping features to process multiple jobs and data steps

KEY BENEFITS

- **Significantly reduce batch job runtimes** and free up valuable system resources
- **Postpone costly CPU upgrades** by getting the most out of your current resources
- **Free up time for mission-critical mainframe workloads** and process multiple jobs concurrently
- **Improve performance and reduce costs** by automatically adapting processing techniques to suit current system conditions

- ◀ MainView Batch Optimizer can significantly improve I/O performance, dynamically execute multiple batch job steps in parallel, and pipe file I/O between batch processes for concurrent execution of data-dependent steps or jobs.

PRODUCT DETAILS

Increased productivity with job piping technology: Execute batch jobs concurrently instead of utilizing slower, costly serial processing.

Dynamic processing: Adjust buffer values and processing techniques dynamically based on current system conditions.

Advanced LSR capabilities: Build Local Shared Resources (LSR) buffer pools, dynamically switching to LSR processing for random access. Perform read-ahead functions for faster sequential access during LSR processing, read large amounts of data, and overlap I/Os to maximize performance, regardless of the blocking characteristics for sequential processes.

Extended support for many data set types: Optimize support for VSAM, QSAM, BSAM, and BPAM data sets, as well as the buffer value for tape, PDS members, and striped data sets. Replace low-level I/O functions to control buffer management and physical I/O requests for non-VSAM data sets.

Increased performance: Retain multiple data tracks in memory to maximize cache-hit performance benefits for random processes.

Optimization using the candidate utility: Generate reports to understand which jobs might benefit from I/O optimization and parallel execution in your environment, helping to pinpoint where you will achieve significant elapsed-time savings. Remove manual updates and guesswork for implementing IT best practices.

Advanced data optimization: Reduce the amount of I/O used in batch processes, maximizing elapsed-time savings for a wide variety of programs, access methods, and file types. Use piping technology to process multiple jobs and data steps concurrently, which eliminates single-thread processing and shortens the elapsed runtime of batch jobs.



FOR MORE INFORMATION

To learn more about MainView Batch Optimizer, please visit bmc.com/mainviewbatchoptimizer

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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