

# BMC AMI Fast Path Analyzers for IMS™

Quickly and easily analyze Fast Path DEDBs offline or online, while other processing continues

## PRODUCT DESCRIPTION

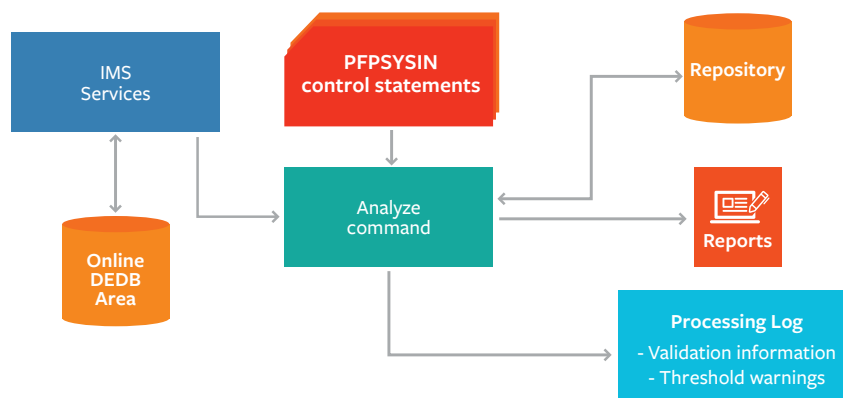
BMC provides two ways to analyze IMS Fast Path data entry databases (DEDBs) quickly. With Fast Path Analyzer/EP, you can perform database analysis within the batch maintenance window to analyze and produce statistics on DEDBs with minimal downtime. BMC AMI Fast Path Online Analyzer for IMS (which includes all the Fast Path Analyzer/EP functionality) analyzes the content and structure of DEDBs while they are online, without database downtime.

## BUSINESS CHALLENGE

IMS Fast Path DEDBs provide superior transaction throughput, manageability, large data volume capacity, and speed that are essential for digital business. DEDBs process large volumes of data with a transaction rate higher than any other type of mainframe database. Because the maintenance window continues to shrink, any time savings for database maintenance is critical, even for batch processes. That's why DBAs need tools for online analysis and reporting to manage business-critical Fast Path databases.

## BMC SOLUTION

Fast Path Analyzer/EP can read and analyze offline DEDBs to perform database analysis within the batch maintenance window, while analyzing and producing statistics on DEDBs with minimal downtime. By using this solution with Fast Path Reorg/EP, you can also analyze and reorganize an offline DEDB simultaneously. BMC AMI Fast Path Online Analyzer for IMS reads and analyzes DEDBs while they are online. Other applications can continue to update the DEDBs online while the analysis is in progress.



## KEY FEATURES

- **Comprehensive** – Examine, verify, and report on pointer data, including segment pointers, root addressable pointers (RAPs), and SDEP pointers
- **Automated and easy** – Analyze information about single or multiple areas with user-specified thresholds to set statistical analysis limits
- **Flexible** – Use the online DEDB data extract function to extract full or partial segment data
- **Available** – Analyze the content and structure of DEDBs online, while the DEDBs are still available to the application

## KEY BENEFITS

- Maximize the availability of Fast Path DEDBs to applications
- Validate data integrity with analysis and reports to manage DEDB performance, space usage, and physical attributes
- Gain insight into DEDB status by viewing interactive charts and tables that display current and historical information about jobs, databases, database partitions, data sets, and segments
- Model the effect of a potential DEDB change before performing it

◀ Online Analysis with BMC AMI Fast Path Online Analyzer for IMS.

## PRODUCT DETAILS

Fast Path Analyzer/EP provides the following:

- **Insight:** Gain valuable insight into your DEDBs to view and analyze statistics on your databases with minimal downtime.
- **Reporting:** Use current and historical reports to monitor and manage performance characteristics, space usage, and physical attributes of DEDBs.
- **Ability to model changes:** Model the effect of potential DEDB changes before performing them.
- **Single and multiple area analysis:** Set statistical analysis limits with user-specified thresholds. Use an area data set or an image copy as the input to the analyze function. Take one or more image copies of the DEDB concurrently.
- **Auxiliary features:** Allow VSAM zap/dumps, reporting on SDEP space usage, and invocation of DEDB randomizing routines.

BMC AMI Fast Path Online Analyzer for IMS provides the following additional features:

- **Online analysis:** Analyze the content and structure of your DEDBs while they remain online, without requiring resource-intensive sorts and work files. Extract full or partial segment data from DEDBs while they are online to IMS.
- **Data integrity verification:** Verify the integrity of all pointer values, free space element chains, and VSAM control fields, and help determine space utilization needs.
- **Concurrent analysis:** Read and analyze a DEDB that is online to the IMS system without using any IMS system resources.
- **Statistical repository:** Dump or modify a database control interval and print a listing of the DMAC. The statistical repository stores information for immediate retrieval and complete recordkeeping of historical DEDB activity.

**Integration with BMC solutions:** When Fast Path Analyzer/EP is executed in conjunction with Fast Path Reorg/EP, you can gather statistical information about your Fast Path database area and validate its pointers when implementing a database reorganization, change, or reload operation. When used with BMC AMI Backup and Recovery for IMS, you can gather statistical information about your Fast Path database area and validate its pointers simultaneously. BMC AMI Fast Path Online Analyzer for IMS can run with BMC AMI Fast Path Online Reorg for IMS or BMC AMI Fast Path Online Image Copy for IMS to provide these same capabilities during online maintenance operations.



### FOR MORE INFORMATION

To learn more about BMC AMI Fast Path Online Analyzer for IMS, please visit [bmc.com/ims](https://bmc.com/ims).

## About BMC

From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

**BMC—Run and Reinvent**

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