

# AMI Data Extractor for IMS

Get real-time IMS analytics data

## PRODUCT DESCRIPTION

Get the real-time IMS data you need – when you need it - to feed to analytics engines and security information and event management (SIEM) tools. Harvest the data safely and securely with no impact to transaction processing times and virtually no overhead. Use intelligent filtering to get only the data you need and lower usage costs for ingestion-based analytics engines.

## BUSINESS CHALLENGE

Your data is arguably your organization's most valuable asset. But raw data itself, while valuable, doesn't provide the intelligence you need to keep your competitive edge. You need to correlate and analyze the data – and turn it into information that can provide the intelligence you need to better understand your operations, forecast future growth, anticipate and prevent issues before they cause an impact, and make business decisions.

You may be using enterprise analytics engines like BMC TrueSight or Splunk to help make business decisions. But to be effective, the analytics engines need data from multiple sources, including IMS. To reap the benefit of analytics-based decision making, you must provide accurate, timely IMS data and transaction information to the analytics engine. This information can help you

- Protect your critical data by preventing security breaches
- Ensure optimal performance and availability by preventing system problems – and by finding and fixing any problems that do occur quickly and efficiently
- Gain visibility into your customers' accounts during transactions so that you can offer new products and services or resolve any existing issues they have

## BMC SOLUTION

AMI Data Extractor for IMS provides real-time IMS log information, formatted for your analytics engine, so that you can make instant decisions. Using intelligent filtering, you can extract just the data you need to make decisions. If you gather and filter IMS data intelligently, you can reduce usage costs of analytics engines processing and reap the benefits of using valuable log information to make business decisions. With real-time IMS analytics, you can build processes that enable access to your customers' information during transactions so that you can resolve any outstanding issues your or offer additional products or services.

## KEY FEATURES

AMI Data Extractor for IMS provides

- **Real-time** access to IMS data
- **Intelligent filtering** to reduce data volume
- **Low overhead** with no I/O in the IMS control region
- **Integration with MainView for IMS**

## KEY BENEFITS

With **real-time, intelligently filtered** IMS data, you can

- **Prevent security breaches**
- **Prevent problems;** if a problem occurs, find and fix it quickly
- **Improve customer service** and increase revenue

## PRODUCT DETAILS

**Real-time IMS analytics data:** Traditional solutions use near-real-time data, meaning that the data is extracted after the IMS log switch. On a very busy system, the log switch can occur every 1-2 minutes, but during an off shift this the log switch may occur every 30 minutes (or longer). If a problem occurs and you aren't aware of it for 30 minutes or longer, the problem will spiral out of control. You need real-time data to drive real-time decisions.

**Intelligent filtering:** Two-phase intelligent filtering enables you to extract a subset of log record data (individual field selection) to provide the data you need and to reduce the amount of data that is sent to the analytics engine. AMI Data Extractor for IMS provides both filtering and extraction selection components. Because many analytics engines charge by the amount of data ingested, limiting the amount of data can greatly reduce licensing costs. By creating, exception-based capture, potential CPU resource usage is also kept at a minimum.

**Secure data extraction:** AMI Data Extractor for IMS is less risky than products that use the IMS log exit because multiple vendors could be using this same exit and potentially collide, affecting IMS and IMS performance.

**Virtually no overhead:** AMI Data Extractor for IMS avoids the log exit routines and uses exclusive technology to dramatically simplify operations and improve storage usage and performance. Because AMI Data Extractor for IMS does not use the IMS log exit, it avoids the associated performance issues.

**Integration with MainView for IMS:** AMI Data Extractor for IMS integrates with MainView for IMS capabilities by capturing x'FA' and x'F9' log records. These log records allow you to see who accessed individual IMS databases, including read access without doing a change, which can be important in **fraud prevention and unauthorized access scenarios**.

**Part of the BMC Automated Mainframe Intelligence (AMI) family:** AMI Data Extractor for IMS is part of the larger BMC AMI family that helps you future-proof your operations by enabling a self-managing mainframe.



### FOR MORE INFORMATION

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

#### About BMC

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