BMC AMI Data for IMS

Keep Insights Flowing to Your Business
Modern Business Runs on Data—and Insight

As technologies and markets evolve at unprecedented speed, your business counts on data to stay ahead of the game. For business users mining insights to fuel innovation, no-excuses availability is only the beginning. It’s also essential to keep your databases optimized for speed, agility, and ease of use. The growing volume and complexity of data and transactions make that harder—especially with experienced mainframe developers in tight supply.

And in the competitive world of digital business, there’s no margin for error. If you can’t make the right data available to the right people at the right time, your business can quickly fall behind. Downtime or data loss can stop innovation in its tracks. Poor operational performance quickly translates into poor business performance. Customers have never been more demanding. Or less patient.

Business users don’t want to hear about the data management and system maintenance challenges posed by proliferating data and transaction volumes. Regulators won’t give you the benefit of a doubt about data recoverability. There’s never going to be a good time to catch up. The only answer is to keep from falling behind in the first place.

You can’t solve this problem by throwing new resources at old solutions. Traditional data management tools and methods take more time, money, and talent than you can spare. The scale, complexity, and speed of modern business call for a new approach.

Staying ahead of the data management challenge means addressing:

- A shortage of experienced mainframe talent—at the worst possible time
- An expectation for rapid recovery without data loss
- Escalating demands of internal and external customers
It would be hard enough to transition to a new generation of mainframe professionals if the job was staying the same. But at the same time a wave of retirements is reshaping the data center, a new set of requirements is making it even harder for new hires to come up to speed.

It’s not just that the volumes of data in the mainframe are growing. The number transactions is also increasing dramatically due to increased requests for IMS and Db2 data coming in from the web, via IMS Connect and other sources. Managing it all, and protecting its validity and integrity, would be difficult even for a seasoned professional.

You’ve got to close the talent gap before it swallows your business whole.
THE BMC SOLUTION:

Empower the New Generation

If a steep learning curve is getting in the way of your business, it’s time to flatten it. With BMC, even inexperienced mainframe professionals can meet the challenges of modern data—and the demands of hard-driving business users.

Intelligent automation turns your data management solution into a built-in data scientist. With expertise at your fingertips, new staff members can manage and optimize data and infrastructure as effectively as any veteran. You can automatically validate and maintain IMS Full Function, BMC AMI Partitioned Database Facility for IMS, High Availability Large Databases (HALDB) and Fast Path databases. You can reorganize data so applications run as quickly and efficiently as possible. You can feel confident that everything is checked, verified, and available for business.

And the ability to quickly convert, adjust, change, and load and unload millions of segments will help you cut costs while uncovering insights that make people forget all about the so-called talent gap.
Customers and business users hate listening to excuses. Whether it’s a malicious attack, an unavoidable event, or a simple human error that takes their data or transactions offline, they only want to know one thing: How fast can you recover? The only acceptable answer is that you already have.

It’s not only customers who have high standards for recoverability. Government regulators have turned their attention to data backup and recovery as well. Compliance now depends on being able to prove that your systems are fully reliable and resilient. And the penalties for falling short can be severe.

To keep your customer relationships healthy and your compliance officers happy, you need to be able to ensure fast, seamless data recovery without subjecting customers to downtime—no matter what.
Customers, business users, and regulators have a right to expect resiliency. With BMC, you can ensure reliable backup and recovery performance—and prove it.

You can build rules into your backup and recovery process about what data needs to be backed up, when, so you can prioritize the image copy activities of critical data to match the needs of your stakeholders. To improve speed and lower cost, you can intelligently skip databases that received no updates and do change accumulation when needed to shorten recovery times. Recovery automation decreases your RTO (Recovery Time Objective). Failed batch applications can be restarted automatically for even greater business resiliency.

To prove that you can meet or beat your RTOs and SLAs, you can run recovery simulations showing clearly how long it will take to recover a set of databases. That way, you can sleep soundly at night while helping your business stand up to regulatory scrutiny—and avoid fines.

With repeatable processes and a single, integrated view to coordinate recoveries across multiple database systems, you’ll meet your data recovery requirements with less time, effort, and cost than you thought possible.
Everybody wants more from the mainframe. Customers want access to their data whenever and wherever they choose. Business leaders want constant uptime to meet competitive pressures—along with lower costs, of course. DevOps teams want a simpler way to collaborate on new applications with the most timely data possible. And none of them care about what these demands mean for IT.

The problem is, ensuring the kind of access, performance, availability, and efficiency people expect depends on constant maintenance and tuning. But taking systems offline for any length of time is unacceptable—even if it helps deliver the exceptional customer experiences they're demanding. How can you do your part for customer satisfaction, brand value, and revenue if they won't let you do what’s needed for the mainframe?
You don’t have to keep the business waiting while you fine-tune your database. With BMC, you can ensure optimal scalability, reliability, and performance without the need for downtime—so your data and IMS Transaction Manager are always available, and your applications are always running smoothly.

With intelligent analytics and automation on your side, you can keep data optimized and available so it’s always ready for applications and customers while using fewer resources. You can move and view data without impairing application performance, and run critical maintenance tasks more often—without downtime—for a customer experience that keeps getting better. System insights help you make smarter maintenance decisions today while planning more effectively to meet future needs. And you can support DevOps teams more effectively with simpler database change management.
Why BMC?

With help from BMC, you’ll keep pace with growing data and transaction volumes while delivering the performance and uptime your customers and business users demand. You’ll make your own work simpler and more efficient. And you’ll control cost and risk for your organization—so your business can stay focused on the future.

With BMC, you can:

- **Empower a new generation of mainframe talent**: By leveraging automation and intelligence, you can help even inexperienced staff members provide world-class data and transaction management.

- **Build auditable recoverability into your database**: By simulating and validating recovery tests, you’ll prove to yourself—and to regulators—that you can reliably meet demanding RTOs and SLAs.

- **Maintain and enhance without downtime**: By keeping your system automatically optimized for performance and cost, you can avoid outages while continually improving your customer experience.

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