TRANSFORMING IMS OPERATIONS WITH AIOPS AND INTELLIGENT INSIGHT



IMS continues to serve as the backbone for high-volume, transaction-driven applications across industries such as banking, insurance, retail, and healthcare. These environments are trusted due to their reliability and performance, yet they are also evolving. Today's IMS systems support a wider mix of users, integrations, and business-critical activity than ever before. As a result, complexity is increasing while many teams cope with limited resources and fewer experienced specialists.

This shift is driving renewed attention to how IMS environments are monitored, analyzed, and managed every day. Traditional monitoring approaches remain important, but they are limited by static thresholds and fragmented views, making it difficult to understand how system behavior fits together. When issues arise, teams may recognize that something is wrong without clear visibility into why it matters or where to focus first.

How AIOps improves IMS visibility

To address this challenge, organizations are increasingly adopting mainframe AIOps. Using machine learning and advanced analytics to examine system and performance data, AIOps helps teams recognize normal behavior, identify emerging conditions earlier, and reduce alert noise that doesn't require action. In IMS environments, this helps teams gain clarity faster and make more confident decisions without increasing manual effort.

BMC AMI Ops Insight, working alongside brings these AIOps capabilities into IMS operations by

learning how systems behave over time and identifying meaningful changes in system behavior within the wider operational context. Rather than treating every deviation the same, intelligent models correlate activity across metrics and subsystems to help teams assess potential impact and prioritize response. This allows teams to move more quickly from detection to understanding, even in highly complex environments.

Combining operational and data insight

Insight becomes even more valuable when paired with data awareness. IMS data activity plays a critical role in application behavior, performance trends, and recovery scenarios. BMC AMI Data for IMS provides visibility into database and application activity, adding context that helps explain what teams are seeing at the system level. When operational insight and data contexts are brought together, teams gain a fuller view of system behavior and risk.

Across the industry, organizations are applying these approaches to shorten detection and resolution timelines, improve incident clarity, and reduce. These efforts also support modernization and resilience initiatives, helping teams maintain confidence and control as demands on IMS environments continue to grow.

Watch the on-demand webinar How AI-Driven Insight is Changing IMS Operations to see how BMC AMI Ops Insight and BMC AMI Data for IMS help organizations apply AIOps-driven insight to IMS operations with greater clarity, faster understanding, and more confident action.