

# BMC Message Advisor for IMS

Improve IBM® IMS™ availability and prevent IMS outages with automated message queue management

## PRODUCT DESCRIPTION

Message Advisor for IMS automatically monitors and manages IMS message queues to prevent IMS outages and improve IMS availability.

## BUSINESS CHALLENGE

The IMS message queues are at the center of an IMS Transaction Manager (TM) environment because every transaction request involves writing a message to one of these queues. Program looping, link and device failures, or “spamming” can cause message flooding and costly, unplanned IMS outages. **The health and integrity of the IMS message queues are as critical as the health and integrity of the IMS databases.**

## BMC SOLUTION

Message Advisor for IMS improves IMS availability by monitoring, managing, and warning you of potential problems relating to your IMS local and shared message queues. It also lets you solve message-related IMS system or application problems by managing IMS message queues comprehensively—either system-wide, within groups, and even at the individual message level.



Improve availability



Reduce restart times



Manage message queues

## KEY FEATURES

- **Continuously tracks** the state of IMS message queues
- **Provides an application view** of messaging with message profiling and grouping
- **Performs fast message queue management**, including displays, unloads, deletes, and re-queues
- **Displays the health of message queues** and lists the biggest queue users

## KEY BENEFITS

- **Improves IMS availability** by preventing message-related outages
- **Reduces IMS message queue restart times**
- **Performs intelligent message recovery** at the individual message level, by group or system-wide
- **Recovers from application errors** by unloading erroneous messages from either the IMS message queue or the IMS logs

## PRODUCT DETAILS

**Improves availability:** Message Advisor for IMS prevents IMS outages caused by message flooding by continuously tracking the state of IMS message queues, comparing queue usage to user-defined thresholds, sending optional warning messages, and taking preventative actions. It prevents IMS outages caused by an invalid message by automatically identifying invalid messages, notifying the processing application program, and issuing a message to indicate that an outage has been avoided. In addition, the Hiperassist feature shortens IMS message queue restart time by up to 60%.

**Makes it easy to manage and recover messages:** Message Advisor for IMS is the fastest, most comprehensive solution available to manage IMS message queues. The queue management utilities perform fast, intelligent message queue analysis, quickly showing queue contents and message queue polluters. You can easily perform these local and shared queue management functions:

- Instantaneously display the health of message queues and list the biggest queue users
- Analyze message queue contents
- Remove unwanted messages from the IMS message queue
- Merge IMS systems by recovering all messages from multiple IMS systems to a single IMS, while also appropriately handling remote SYSIDs
- Group messages by origin or destination, such as transaction, program, database, IBM MQ, or the web, providing an application view to message management
- Recover from application errors by unloading erroneous messages from the IMS message queue or the IMS logs, changing them and reinserting them into the IMS message queue
- Recover IMS messages system-wide, in groups, or individually, providing full granularity and flexibility in failure situations
- Recover your IMS system and preserve application integrity by returning unprocessed messages to the message queues after an IMS cold start
- Perform modeling and stress-testing by capturing production messages for loading into a test IMS system.



### FOR MORE INFORMATION

To learn more about BMC Message Advisor for IMS, [bmc.com/ims](https://bmc.com/ims)

## About BMC

BMC delivers software, services, and expertise to help more than 10,000 customers, including 92% of the Forbes Global 100, meet escalating digital demands and maximize IT innovation. From mainframe to mobile to multi-cloud and beyond, our solutions empower enterprises of every size and industry to run and reinvent their businesses with efficiency, security, and momentum for the future.

**BMC – Run and Reinvent**

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