

# MainView for MQ

Optimize your IBM® MQ environment for digital business

## PRODUCT DESCRIPTION

MainView for MQ delivers a complete, easy to use, and powerful message queue monitoring solution to ensure the health, performance, and availability of your entire IBM® MQ environment.

## BUSINESS CHALLENGE

Today’s mainframe relies on IBM to connect business applications and ensure the timely flow of critical information in a complex environment. Digital business requires ultra-fast processing, combined with multi-tier applications, such as IBM MQ, databases, and other resources. This situation creates a highly technical and labor-intensive implementation and maintenance process. Performance degradations or failure to share information can result in costly business disruptions and lost productivity.

## BMC SOLUTION

MainView for MQ ensures the health and availability of your MQ environment and makes MQ call information available to other programs. From a single point of view and control, users have complete control over IBM MQ configuration, administration, and performance monitoring, including publish/subscribe monitoring. MainView for MQ simultaneously manages thousands of elements, handles hundreds of events per second, and supports hundreds of concurrent users. It’s fully integrated with MainView Systems Management, which is built on a centralized architecture and manages the performance of all resources, systems, and subsystems.

## KEY FEATURES

MainView for MQ ensures the health, performance, and availability of the IBM MQ environment.

- **Complete visibility** – See into IBM MQ across multiple operating systems from a single console
- **Fast and easy to use** – Manage IBM MQ with a single view and control
- **Complete message management** – Edit, move, and copy messages, and make MQ call information available to other programs

## KEY BENEFITS

- **Lower CPU footprint** by exploiting zIIPs with some components offloading up to 90-100% of CPUs
- **Increase system availability** through proactive notification of environmental issues
- **Reduce mean time to resolution (MTTR)** with rapid guided navigation to the root cause
- **Improve productivity and reduce troubleshooting** with simplified administration and the ability to set smart, intelligent, and dynamic thresholds

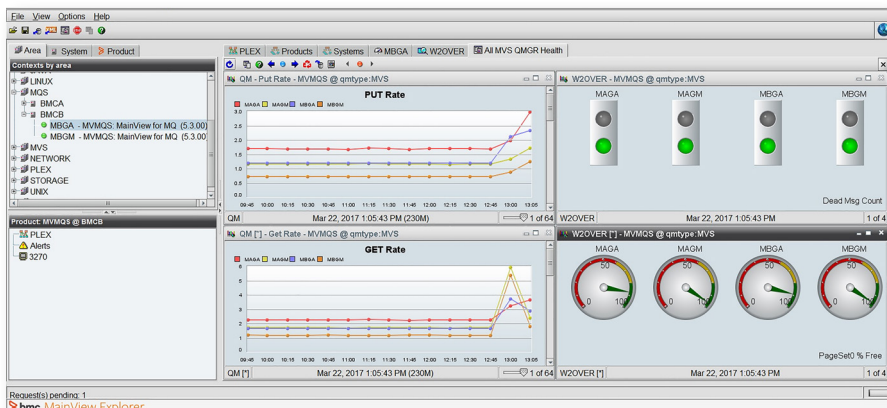


Figure 1: Mainview for MQ delivers rapid insights with key queue manager metrics.

## PRODUCT DETAILS

This product is available as part of MainView Message Management.

**Rapid insights:** Fully integrates with existing data from other MainView monitoring solutions to deliver a complete, consolidated, and single view and control of information for analyzing a wide spectrum of problems, as well as guided navigation to any connected component.

**MQ objects deep analysis:** Displays and administers IBM MQ shared, clustered, and local objects, such as queues, channels, channel initiators and listeners, topics and subscriptions, page sets, buffer pools, queue managers, coupling facility, and logs.

**API trace facility:** Displays the specific status of individual MQ calls including function performed, message latency, job name using the function, and the user name that initiated the function. It offloads the collected traced data for use in other applications.

**Tuning wizard:** Ensures the overall health of the queue manager by guiding users through key information, such as queue manager status, get and put rates, and the number of queues at maximum depth that reside on specific page sets.

**Page set usage for queues:** Allows defined storage classes and their queues to be viewed or changed for each page set in use. Allows messages on a queue to be purged or moved to a new queue.

**Sample smart alarms:** Includes alerts such as channel status, page sets, and messages not being processed in a timely manner that can be customized for any environment.

**Detailed statistics and historical data:** Lets you view collected data including real-time and historical statistics related to page sets, coupling facility, IBM® DB2®, logging, object-name level, and application level.



### FOR MORE INFORMATION

To learn more about MainView for MQ, please visit [bmc.com/it-solutions/mainview-message-management](https://bmc.com/it-solutions/mainview-message-management)

## About BMC

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