

MainView for IP

Increase availability and performance of mission-critical TCP/IP, SNA, and VTAM applications for IBM® z/OS®

PRODUCT DESCRIPTION

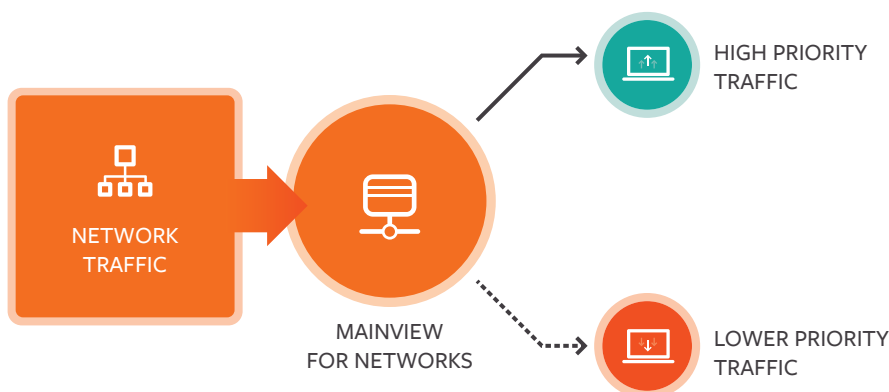
MainView for IP keeps digital business running smoothly by proactively monitoring mission-critical TCP/IP, SNA, and VTAM resources, and preventing costly slowdowns or outages associated with network connectivity and performance.

BUSINESS CHALLENGE

The mainframe is a key player in delivering the power to keep mission-critical applications available to meet the demands of digital business. Although TCP/IP can transport data for mainframe applications, the complexity of this environment can create challenges for monitoring and management. Without a single point of control to manage key TCIP applications and VTAM® resources, which handle mission-critical application communications like CICS® and IMS™, mainframe IT staff struggle with trying to find and fix these problems before they impact customers and the bottom line.

BMC SOLUTION

MainView for IP makes it easy to tune, monitor, and manage the availability and throughput of key TCP/IP applications. It provides a single view and control with information that is clear, concise, and intuitive. This allows a wide range of problems to be identified, diagnosed, and remediated before users are impacted. The solution provides historical data to ensure that valuable lessons from past performance issues can be factored in and useful to both new and experienced staff. With MainView for IP, mission-critical TCP/IP applications run at their peak 24x7, which is exactly what is required in the digital world.



KEY FEATURES

MainView for IP helps IT identify problems before they impact the business.

- **Full-stack visibility** – Centralize monitoring with detailed statistics for TCP/IP stacks, routers, connections, and devices
- **Simplified operations** – Trace network productivity with real-time packet and socket tracing
- **Reduced costs** – Save by offloading to zIIPs
- **Network Security Support** - IPSEC and zERT are supported to help identify security issues and you can easily identify connections that are not using the required encryption standards. IPSEC logs are brought in so messages can be alarmed and identify potential network security issues

KEY BENEFITS

- **Solve problems quickly** with a complete picture of your mainframe networks, including TCP/IP, SNA, and VTAM resources
 - **Improve availability** by ensuring critical workloads complete on time
 - **Reduce risk** by stopping attackers with MainView smart alarms intrusion detection capabilities
 - **Lower mean time to resolution (MTTR)** with a single view and control that guides you to the source of the problem
- ◀ MainView for IP, which is part of MainView for Networks, offers a single view and control to tune, monitor, and manage your IP applications, enabling them to run at optimal performance.

PRODUCT DETAILS

MainView for IP is available as part of MainView for Networks and offers the following capabilities:

Single view and control: Provide detailed statistics about TCP/IP stacks, routers, connections, and devices. This includes availability monitoring for both TCP/IP and VTAM with wizard-like setups for both TCP/IP and VTAM resources.

Automatic availability detection: Provide automatic pinging capabilities to determine availability.

Holistic view: Deliver real-time and historical reporting to minimize future problems and provide a user-friendly interface that is useful to both experienced and new staff.

Visibility: Provide z/OS® network administrators with a better understanding of the performance and availability of their applications, transactions, and communications connections.

Detailed trace: Trace VTAM LUs, SSCPs, and PIU traces for specific-named LUs.

Exclusive technologies: Set pacing with TCP/IP trace so that critical jobs are given higher priority to ensure they are completed on time.

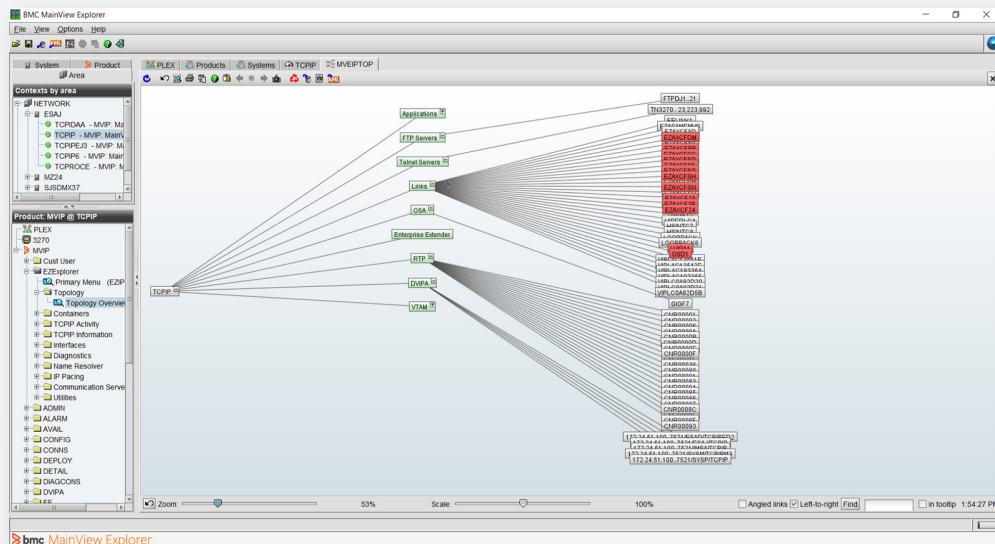
Intrusion detection: Detect intrusion through abnormal network usage. This includes FTP-type intrusions or denial of service. MainView will analyze policies defined in IBM z/OS IDS as the first line of defense.

Proactive alert notifications: Speed up problem detection with exception reporting techniques, making it easier to meet service level agreements (SLAs).

Network Topology View: See a graphical network view to identify where your problems are arising and which areas may be impacted.

FOR MORE INFORMATION

To learn more about MainView for IP, please visit bmc.com/it-solutions/mainview-message-management



MainView for IP provides a network topology to identify where in your network problems are arising and quickly identify areas of the network that may be impacted by a problem.

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.

BMC—Run and Reinvent

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