



IBM i Performance Management

Optimize the performance of your critical IBM i systems

SUPERMON® Performance provides real-time performance monitoring and control for IBM i servers

Strong systems performance underpins strong application performance, but, without the right tools it is hard to achieve. Manually gathering performance data consumes excessive time and effort - meanwhile undetected performance problems could already be spiralling out of control, affecting response times, productivity and system availability. SUPERMON® Performance automates performance monitoring and helps you to:

- Prevent unplanned downtime by identifying and resolving performance problems before they become critical
- Improve system response times and increase end user productivity
- Optimize CPU usage and defer costly hardware upgrades
- Save time and effort by automating data collection and analysis
- Improve capacity planning and budgeting using more detailed management information
- Proactively tune performance based on recommendations from the SUPERMON® Performance intelligent Advisor function

Pinpoint performance issues quickly

SUPERMON® Performance monitors the performance of all of your IBM i servers in real-time, from a single interface, providing unprecedented breadth and depth of information to help you identify problems and take corrective action quickly. The system also collects and stores performance data for historical analysis, allowing long-term trends to be identified and recurring problems eliminated.

- Allow your users to monitor, in real-time, from a single screen, critical performance indicators for all processors in their IBM i network. This provides an easy way to interpret data from multiple systems

- Alert systems personnel to potential performance problems as they occur, so that immediate action can be taken to minimize any business impact
- View your performance data in charts that you can tailor to meet your specific requirements. The performance data is refreshed automatically at intervals defined by you
- Modify the thresholds for system resources on every processor in the network and create a tailored alert for individual systems
- Drill down into increasingly granular data to find the root causes of performance problems



Improve system performance by identifying problems before they become critical

Budget more accurately for upgrades and defer upgrades for longer

Release expensive disk space for use by more critical applications



Centralize management of your entire IBM i network

SUPERMON® Performance can be run on a single, standalone processor, or on multiple servers in your network.

All networked IBM i servers can be managed and controlled from a central point. The central IBM i system may be used to view both dynamic and historical data for all processors and to manage SUPERMON® Performance across the network. Performance data can also be viewed on local servers.

Take control of system priorities

Operations personnel can proactively minimize the impact of poorly performing applications, using the High-CPU Monitor to automatically detect interactive and batch processes that are using excessive CPU.

The priority of these processes can be altered automatically and their CPU allocation reduced, preventing them from affecting the performance of other jobs or applications. Detailed diagnostic information is available, highlighting the functions being performed by the offending program, to help technical staff take swift corrective action.

Tune system performance with the Advisor

The SUPERMON® Performance Advisor function simplifies the task of interpreting performance data and helps you make informed decisions. The Advisor analyzes performance data over any chosen date and time range for one or more IBM i servers and makes detailed recommendations on how improvements in system performance can be achieved.

Effortlessly track performance from an easy-to-use Graphical User Interface

Users of SUPERMON® Performance can:

- View all key performance indicators for multiple systems from a single, integrated, browser-driven dashboard
- Monitor real-time performance on any IBM i server on your network with 'traffic light' indicators to identify performance bottlenecks at a glance
- Drill down into more detailed diagnostic information to quickly resolve performance problems

Gain remote insight

When working remotely or on the move, use the SUPERMON® Performance web dashboard to view performance charts and graphs right across the network and be alerted to potential problems before they escalate.

Deliver comprehensive management information

Graphs can be generated from an extensive selection of pre-defined charts in SUPERMON® Performance. Optionally, to meet your individual management reporting requirements, it's easy to create your own customized examples from any of the performance data collected.

Data from multiple servers can be viewed on a single graph, and multiple performance indicators can also be combined, such as response times, CPU usage, memory usage and high-CPU processes. Data can be presented in a range of graphical formats, such as bar charts and line graphs, or exported to other software applications such as Microsoft® Excel.

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