

RoboMon NT/2000 - Dell OpenManage™ Intelligent Solution Set

Automated management for Dell OpenManage™

Manage Any OpenManage Environment Better

RoboMon's OpenManage Intelligent Solution Set provides easily configurable proactive monitoring and problem solving for any size enterprise using Dell OpenManage server management utilities. This provides increased reliability and efficiency for crucial operations such as those of eBusiness. RoboMon's automated, out-of-the-box OpenManage Intelligent Solution Set operates through an integrated set of rules that detect and correct problems before your users experience failures or slowdowns. It collects OpenManage monitoring information and seamlessly consolidates management of Dell server hardware with the rest of your enterprise IT management. It monitors all aspects of Dell server availability and performance, including:

- Hardware-related problems, such as abnormal temperature or voltage conditions, etc.

RoboMon can diagnose problems on the spot and email IT staff, or bring them to your attention at a central monitoring location.

Key Benefits

- Works out of the box, with no setup time
- Detects problems automatically, focuses your staff's time on the issues you target
- Allows centralized monitoring of remote systems
- May be precisely customized for each environment
- Provides intuitive, graphical interface for management and customization
- Integrates with RoboMon's enterprise-wide total eBusiness infrastructure management solution (see below)

What RoboMon's OpenManage Intelligent Solution Set Monitors

RoboMon's OpenManage Intelligent Solution Set provides comprehensive monitoring and management of Dell servers running OpenManage (including PowerEdge™, PowerVault™, and other Dell Systems). Specific rules are designed to:

- Monitor the status of the server's memory devices, raising an alert if any are experiencing errors
- Report on the status of the server's physical container, including bootup state, power supply and thermal condition
- Raise an alert when the server's temperature probes report abnormal temperature conditions
- Warn when the server's voltage probes report abnormal voltage levels

What Rules Mean to You

RoboMon rules work out-of-the-box, with no tweaking, for any size OpenManage configuration. In addition, each RoboMon rule may be completely customized, allowing precise control over threshold settings through the Solutions Manager, as well as actions to be taken, required notifications and alerts. RoboMon's intuitive, graphical Rule Designer allows you to tailor rules and create new rules without writing a single line of code. Customized rules may be deployed to individual machines, domains or throughout the enterprise, via simple, efficient, drag & drop operations in the RoboMon Enterprise Manager.

RoboMon NT/2000 Event Monitor

The screenshot shows the RoboMon Event Monitor application window. The title bar reads "Robomon Event Monitor - All Events for RoboMon Event Database on \\BASE". The menu bar includes "File", "Monitor", "View", "Event", "Detail", "Tools", and "Help". Below the menu bar is a toolbar with various icons. The main area displays a table of events with the following columns: EventDateTime, Class, SubClass, Computer, and RuleName. The table contains several rows of event data, including one for "OPENMANAGE MEMORY DEVICE" on computer "MARCOM" at "10/28/99 04:02:58 PM". Below the table, there is a detailed view of a selected event, showing its severity, the rule that generated it, and a description of the problem: "A memory device (Index = 0) on Dell server MARCOM is experiencing problems." The status bar at the bottom indicates "Ready", "7 events", and the time "10/28/99 4:15:26 PM".

EventDateTime	Class	SubClass	Computer	RuleName
10/28/99 04:02:58 PM	OPENMANAGE	MEMORY DEVICE	MARCOM	OPENMANAGE_MEMORY_DEVIC
10/28/99 04:00:18 PM	AUTOMATION	NETWORK	EAST	UNREACHABLE_COMPUTERS
10/28/99 04:00:18 PM	AUTOMATION	NETWORK	EAST	UNREACHABLE_COMPUTERS
10/28/99 02:01:32 PM	IIS	IIS CACHE	GLOBAL	IIS_CACHE_ALERT
10/28/99 02:01:28 PM	IIS	IIS PROCESS	GLOBAL	IIS_PROCESS_POOL_LEAK
10/27/99 11:00:09 PM	AUTOMATION	PAGE_FILE	EAST	PAGE_FILE_LOAD
10/27/99 11:00:01 PM	IIS	IIS SERVICES	EAST	IIS_SERVICES

Updated severity 1 problem for computer MARCOM at 10/28/58 PM.
Generated by rule OPENMANAGE_MEMORY_DEVICE of type MEMORY_DEVICE in OPENMANAGE.

A memory device (Index = 0) on Dell server MARCOM is experiencing problems.

At 04:00:23 PM on 10/28/99, a memory device (Index = 0) on Dell server MARCOM reported an error.

The Total RoboMon Solution

RoboMon for Windows NT/2000 is automated eBusiness infrastructure management software that detects and corrects complex application, system and network problems to ensure the highest levels of availability and performance.

RoboMon includes a suite of pre-defined rules, called Intelligent Solution Sets, that work out of the box to detect and correct problems with applications, systems and networks, including Windows NT/2000, Microsoft BackOffice, and SNMP-based network components.

RoboMon may be configured to notify staff of problems in real time, or to take corrective action independently and monitor the results for success. RoboMon's many notification options include paging, e-mail, SNMP trap, net send messages, and centralized event reporting through the Event Monitor, enabling it to integrate with and supplement your current staff notification practices.

Where RoboMon's OpenManage Intelligent Solution Set Gets Its Data

- Custom DMI (Desktop Management Interface) collector

RoboMon's OpenManage Rules

Announce_OpenManage

Announces the start of the rule process.

OpenManage_Memory_Device

Monitors the status of memory devices in the Dell server.

OpenManage_Physical_Container

Monitors the status of the Dell server's physical container.

OpenManage_Temperature_Probe

Monitors the status of various temperature probes installed in the server.

OpenManage_Voltage_Probe

Monitors the status of various voltage probes installed in the server.

Microsoft, Windows, and the Windows Logo are registered trademarks of Microsoft Corporation in the United States and/or other countries.



Corporate Headquarters

120 Wells Avenue
Newton, MA 02459
tel: 800.229.6500 / 617.627.1550
fax: 617.527.6132 : email: info@heroix.com

Boston ■ New York ■ Atlanta ■ Chicago ■ Dallas ■ San Francisco

Features and support may vary by platform. Heroix Corporation believes that the information in this document is accurate as of its publication date; such information is subject to change without notice. Heroix is not responsible for any inadvertent errors.

Heroix, the Heroix logo, and Heroix eQ are trademarks of Heroix Corporation. All other trademarks are property of their respective owners.

© 2003 Heroix Corporation. All rights reserved.