



MonitorMagic 6.0 build 1279, Release date: July 26, 2004

Features:

- Manual SNMP Hosts: In the network tree it is now possible to add manually SNMP hosts by specifying the TCP/IP address and community string. If an SNMP policy is then applied to such a host (either by dragging or selecting "Apply Policy" from the context menu), all IP-addresses within that SNMP policy are replaced by the IP address of the selected host before the policy is applied. This makes it possible to apply an SNMP policy to different target computers without having to modify the IP-addresses in the policy. (1278, 07/20/2004)
- Report E-mail distribution: All reports can now be sent on a scheduled basis in HTML format to any number of recipients. See Configure report E-mail distribution for more information.
- Global alarm window: A new alarm window is introduced. The Global alarm window presents summary information for all monitored systems. See Global alarm window for more information (1218, 9/5/2003).
- File monitor: The file monitor is extended with 4 new fields (rules): Age oldest file (sec), Age most recent file (sec), Modification elapsed time (sec) - minimum, Modification elapsed time (sec) - maximum. The fields can be used to trigger rules based on the creation and modification time of one ore multiple files. (1218, 9/5/2003)
- File monitor: The file monitor is extended with 2 new keywords: Matching text and Matching file. These fields can be used in alarm actions when searching for specific keywords (for example: ERROR) . See File monitor - File monitor values for more information.
- Plugin - Directory size: The directory size plugin determines available diskspace, and the size occupied by files, directories and shares. Rules can be triggered when too much disk space is used or the available diskspace drops below a configurable minimum. See Plugin - T4eDirSize for more information. (1218, 9/5/2003)
- Plugin - SQL query: The SQL query plugin can execute any SQL query to any database. The output of the query can be used to trigger rules, based on various criteria. See Plugin - T4eSql for more information. (1218, 9/5/2003)
- Plugin - Unix Remote execution. The Plugin - T4eRexec is a MonitorMagic plugin. It is used to execute remotely a command on computer running an operating system that supports the standard Rexec protocol, such as the UNIX operating system. (1271, 4/29/2004)
- Plugin - Unix information. The Plugin - T4eUnixInfo is a MonitorMagic plugin. It is used to collect specific information from a computer running a UNIX compatible operating system. It uses the Rexec protocol to retrieve information from the remote computer. (1271, 4/29/2004).
- Alarm action execution: A new option is added to execute alarm actions when a rule is not triggered, regardless of the previous rule state. See Managing alarm action execution for more information. (1244, 1/8/2004)

Fixes:

- Global alarm window: A resource leak in the global alarm window of the MonitorMagic client is resolved. Because of the leak, various desktop windows shown at the computer that runs the MonitorMagic client were drawn incorrectly after some period of time. The period after which this could happen varies from several hours to several days, depending on several update frequencies. (1233, 11/27/2003)
- Reports: A problem with date and time values in reports is fixed. In previous versions, the time value (minutes field) could be incorrect while the date was correct. (1228, 11/14/2003)
- Reports: HTML E-mail report distribution failed when no default font setting was ever changed when designing a new report. This has been fixed. (1273, 05/14/2004)
- Graphs: A problem with incorrect legend graph item colours has been fixed. When items from a graph were deleted, the colour of remaining items as shown in the legend could become corrupted. (1222, 9/26/2003)
- Graphs: The context sensitive menu option Print... from (2D) graph windows now works properly. (1222, 9/26/2003)
- Policies: When applying a policy and the monitor window of the corresponding MonitorMagic service is not

open, the policy is now applied as expected. In previous version, the monitor window had to be open to apply the policy.(1222, 9/26/2003)

- Policies: A problem regarding the installation of default policies has been fixed. The problem caused the policies no to be installed automatically. (1222, 9/26/2003)
- Performance counter monitor: A problem regarding the calculation of performance counter values has been fixed. The problem could cause incorrect values for some performance counters. (1222, 9/26/2003)
- Client - server connection: When the MonitorMagic service runs on a computer with multiple NIC's, a problem could occur when the client tried to connect to the MonitorMagic service. The problem is fixed. (1222, 9/26/2003)
- Client - server connection: On fast machines, a timing problem could occur in previous versions when the connection between client and service was setup. The problem caused the window showing connection setup progress information not to be removed when the connection was established. This did not have any further consequences. (1222, 9/26/2003)
- MonitorMagic access rights: When user rights are configured for users running MonitorMagic clients, the application now behaves correctly. In previous versions, all access was denied incorrectly. (1228, 11/14/2003)
- Plugins: When specifying command line arguments for MonitorMagic plugins, the quote characters (single and double) are no longer trimmed from the argument if the argument does not contain blank characters (spaces). (1222, 9/26/2003)
- Event monitor: The events processed by event monitors are now first stored in a file instead of RAM. In previous versions, storing the events RAM could cause memory shortage problems for very large event logs (> 750,000 events). (1228, 11/14/2003)
- Event monitor: When a system is rebooted, the processing of event monitors is now more robust. In previous versions, the MonitorMagic service could process event monitors incorrectly when monitoring computers that were shutting down or rebooting. (1228, 11/14/2003)
- File monitor: When viewing monitored files from the monitor dialogs, the MonitorMagic user interface application crashed when the target file was deleted. This problem has been fixed. (1222, 9/26/2003)
- File monitor: When the MonitorMagic service accesses a file through the file monitor, the file is opened in shared instead of exclusive mode. This allow multiple monitors to access the same file at the same time. (1250, 2/6/2004)
- File monitor: A problem regarding the analysis of text files is fixed. Under some circumstances, the MonitorMagic service could crash on subsequent updates of monitored text files with a file size greater then 40k bytes. (1271 4/29/2004)
- Command monitor: A resource leak problem has been solved. The problem caused the MonitorMagic service to use 2 resource handles when a command monitor was processed. The handles were never released. After a long time this could cause the computer running the MonitorMagic service to run out of resources. This could happen after a day (1000 command monitors, processed every minute) or after a year (40 command monitors, processed every 15 minutes). (1228, 11/14/2003)
- Command monitor: A problem regarding the termination of a process started by a command monitor is solved. There is always some risk involved when terminating a process. In previous versions, the termination of the started process could cause the MonitorMagic service to crash. The implementation is now more robust. (1228, 11/14/2003)
- Disk Monitor: When retrieving disk information for all disks on a system, use is made of administrative shares (C\$, D\$, ADMIN\$) if available, instead of an arbitrary existing share to the disk, this is because an arbitrary share may have security settings that prevent the collecting of disk information. (1275, 6/9/2004)
- SNMP Get Monitor: On windows 2003 systems, The SNMP monitors could stop functioning after some time (showing a data error status for the particular monitor in the GUI). This has been fixed (1276, 7/8/2004)
- Alarm action, E-mail: The SMTP E-mail implementation of the MonitorMagic service has been improved. It now more strictly complies with RFC's 821 and 822. In previous versions, the E-mail alarm actions could fail when using an SMTP server that strictly obeys the RFC's only. (1228, 11/14/2003)
- Alarm action, Popup: When multiple destinations are specified by using a single service keyword, the destinations are now correctly extracted from the specified keyword. (1273, 05/14/2004)
- MonitorMagic user-interface: A problem with configuration file NmDesktop.cfg is fixed. In build 1239 only, the user-interface could not upgrade the file. As a result the user had to delete this file to startup the user-interface. (1242, 12/17/2003)
- Database: The mechanism to store event records into an SQL Server database has been updated. The new

implementation is much faster but uses a little more disk space. (1223, 10/3/2003)

- Database: The mechanism to store event records into an MS Access (Jet) database has been updated. The new implementation is much faster but uses a little more disk space. (1239, 12/12/2003)
- Database: The mechanism to store event records into an MS Access (Jet) database is again improved (see also build 1239, 12/12/2003). Depending on the size of the database, the new implementation is 10-1000 times faster compared to old versions. (1250, 2/6/2004)
- Database: Localization problems in database functions are resolved. These problems could occur in for instance Japanese, German, French and Dutch versions of Windows and or SQL Server. (1250, 2/6/2004)
- Database: A problem with the ' character is solved. When a text field of a monitor contains the '-character, the MonitorMagic service could not save the monitor data in the database. The problem is solved.(1271, 4/29/2004)
- Pager: A problem with the display of information in the pager log files is solved (1271, 4/29/2004)
- Cosmetic: A various locations in the MonitorMagic user interface, the lists from expandable list boxes do now get the appropriate width to show all visible strings completely. (1222, 9/26/2003)
- License: When using a ping monitor, the calculation of the number connected systems was one higher than the actual number, which could lead to license issues. this has been fixed.(1276, 7/8/2004)
- General: Changes made to local policies, and manual changes to the local network tree are now automatically saved to disk within 30 seconds after modification, and not only when exiting the GUI. This prevents the loss of the modifications in case of an irregular shutdown of the GUI, for instance when the client computer is powered off. (1279, 7/26/2004)