



GWR Remote Management and Monitoring System represents an enterprise class application designed to provide central platform for management and monitoring of large groups of remote GWR units. The personnel of NOC (Network Operations Center) is now able to monitor all critical parameters of remote units, perform configuration, upgrade the firmware, analyze the system log, create statistical reports and much more.

Multiple security mechanisms are implemented in order to prevent unauthorized access to central platform and remote units. One NOC professional can be authorized to monitor and control one or more groups of remote units. Those groups are created and assigned by the enterprise administrator.

The system continuously monitors remote units and in case that one or more devices become unreachable, system alarms the administrator (group and/or enterprise). The administrator can select the desired type of alarm for those situations.

Configuration and upgrade of remote units is now a very easy task thanks to GWR Remote Management and Monitoring System. Group administrator can deploy desired configuration file or new firmware version to multiple units or groups of units at the same time. Over the air upgrade and configuration certainly significantly eliminates the costs of system maintenance.

Advance reporting tools allow the administrator to create custom reports and graphics related to device availability, performance and exceptions. Analyzing those reports and graphics can result in optimization of the complete system.

Features

- Automatic unit discovery
- Multilevel device grouping
- Configuration file Import/Export on one or more units (groups of units)
- Firmware upgrade on one or more units (groups of units)
- Detailed monitoring of remote units and custom alarm mechanism
- Remote command execution on one or more units (groups of units)
- Advanced reporting and statistics

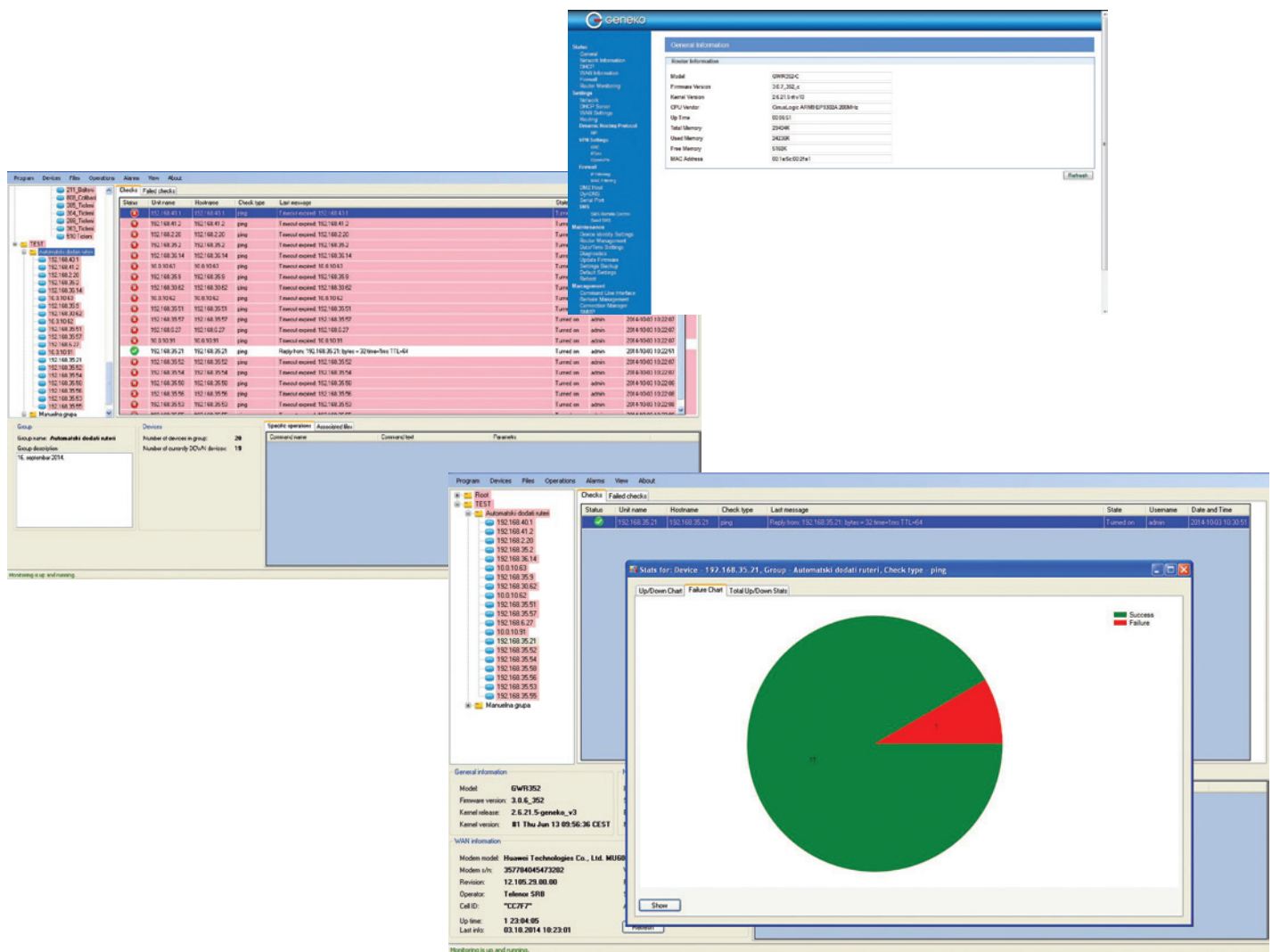
Hardware requirements

- Pentium or AMD processor 2.0 GHz or faster
- 1 GB memory
- 2.0 GB hard disk space

Software requirements

The following operating systems are supported:

- Microsoft® Windows® XP Professional
- Microsoft Windows Server® 2003 (at least 2 GB RAM recommended)
- Microsoft Windows Vista® (at least 2 GB RAM recommended)
- Microsoft Windows 7® (at least 2 GB RAM recommended)



The screenshot displays the Geneko software interface. The main window shows a tree view of devices on the left and a table of device status in the center. A 'Device Information' window is open, showing details for a device with IP 192.168.35.21. A 'Stats for Device' window is also open, displaying a pie chart showing 100% success and 0% failure for ping checks.

ID	Unit name	Hostname	Check type	Last message	Status	Username	Date and Time
192.168.40.1	192.168.40.1	192.168.40.1	ping	Timeout occurred: 192.168.40.1	Failed	admin	2014-10-13 10:40:51
192.168.41.2	192.168.41.2	192.168.41.2	ping	Timeout occurred: 192.168.41.2	Failed	admin	2014-10-13 10:40:51
192.168.2.20	192.168.2.20	192.168.2.20	ping	Timeout occurred: 192.168.2.20	Failed	admin	2014-10-13 10:40:51
192.168.35.2	192.168.35.2	192.168.35.2	ping	Timeout occurred: 192.168.35.2	Failed	admin	2014-10-13 10:40:51
192.168.35.14	192.168.35.14	192.168.35.14	ping	Timeout occurred: 192.168.35.14	Failed	admin	2014-10-13 10:40:51
192.168.35.62	192.168.35.62	192.168.35.62	ping	Timeout occurred: 192.168.35.62	Failed	admin	2014-10-13 10:40:51
192.168.35.57	192.168.35.57	192.168.35.57	ping	Timeout occurred: 192.168.35.57	Failed	admin	2014-10-13 10:40:51
192.168.35.21	192.168.35.21	192.168.35.21	ping	Reply from 192.168.35.21: bytes=32 time=1ms TTL=64	Tuned on	admin	2014-10-13 10:40:51
192.168.35.52	192.168.35.52	192.168.35.52	ping	Timeout occurred: 192.168.35.52	Failed	admin	2014-10-13 10:40:51
192.168.35.54	192.168.35.54	192.168.35.54	ping	Timeout occurred: 192.168.35.54	Failed	admin	2014-10-13 10:40:51
192.168.35.50	192.168.35.50	192.168.35.50	ping	Timeout occurred: 192.168.35.50	Failed	admin	2014-10-13 10:40:51
192.168.35.55	192.168.35.55	192.168.35.55	ping	Timeout occurred: 192.168.35.55	Failed	admin	2014-10-13 10:40:51
192.168.35.53	192.168.35.53	192.168.35.53	ping	Timeout occurred: 192.168.35.53	Failed	admin	2014-10-13 10:40:51
192.168.35.55	192.168.35.55	192.168.35.55	ping	Timeout occurred: 192.168.35.55	Failed	admin	2014-10-13 10:40:51

Device Information

Model: GWR352C
 Firmware Version: 3.0.6_352
 Kernel Version: 2.6.21.5-geneko_v3
 CPU Vendor: GenuineIntel
 Up time: 00:01:01
 Total Memory: 2560MB
 Used Memory: 2423KB
 Free Memory: 1136KB
 MAC Address: 02:14:5c:02:2a:11

Stats for Device: 192.168.35.21, Group: Automatski dodati ruteri, Check type: ping

Up/Down Chart | Failure Chart | Total Up/Down Stats

Legend: Success (Green), Failure (Red)

General information:
 Model: GWR352
 Firmware version: 3.0.6_352
 Kernel release: 2.6.21.5-geneko_v3
 Kernel version: 81 Thu Jun 13 09:56:36 CEST
 WAN information:
 Modem model: Huawei Technologies Co., Ltd. M550
 Modem s/n: 35779405473262
 Revision: 12 185 29 80.00
 Operator: Telekom Srb
 Call ID: 132777
 Up time: 1 23:04:05
 Last info: 03.10.2014 10:23:01

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