

## InfiMONITOR system



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InfiMONITOR is a Network Monitoring System that enables the status monitoring for the InfiNet Wireless units from a network operations center. Below are listed its key features:

### Reduced system requirements

The installation package is represented by a virtual image with all the software packages preinstalled. Optimal system functionality is ensured with reduced system requirements. For details about the required system resources, please check the [Installation of InfiMONITOR](#).

### Automatic discovery

Devices and links can automatically be discovered using the MINT protocol and the configured IP address space. All discovered devices and links will be automatically added in the system. The newest auto discovery method used by InfiMONITOR will be based on SNMP and the MINT proprietary protocol.

By default, the automatic search function is enabled, to check the status or to disable it, proceed to the section "Settings" -> "Discovering".

[Settings](#) / [Discovering](#)

Server date and time: 2019-06-18, 10:27:23

#### Auto-discovering

Auto-discovering is enabled

[Disable auto-discovering](#)

InfiMONITOR can automatically find and add all of your hosts connected to one MINT network. Auto-discovering works constantly and tries to find all of the neighbors of each host, using SNMP authentication data known from already manually added hosts. If you want automatically find and add hosts from another MINT networks you should add at least one host from those networks.

An important feature of the detection subsystem is to search only within one MINT segment. In case that there are multiple MINT segments in a wireless network, it is necessary to add at least one device from each segment in order to enable automatic detection in the section "Settings" -> "Hosts management".

Add host

IP-address :

192.168.103.38

SNMP Port :

161

SNMP Version :

SNMP v3

SNMP Login :

admin

SNMP Password :

admin

Create

Cancel

## Multiple network layouts

Dashboards for links, devices and events.

### Hosts section

The Devices view lists all the InfiNet units that are added in InfiMONITOR and provides detailed information about each of them.

## Network Monitoring / Hosts

Host name	Status	Reboot reason	Family	Device model	Device se...	Software version	Tags
XG1-Master	Down	manual restart	XG	Um/5X.500.2x500	500267	1.7.12	-
Master	Up	unexpected restart	R5000	SkyMAN R5000-...	225871	2.1.11	-
Slave1	Down	firmware upgrade	R5000	SkyMAN R5000-...	260755	2.1.11	-
XG1-Master	Up	manual restart	XG	Um/5X.500.2x500	500268	1.7.12	-
Slave 2	Up	unexpected resta...	R5000	SkyMAN R5000-...	260756	2.1.11	-

### Links section

The Links view displays all the links between the units and detailed monitoring parameters, such as status, modulation scheme and current load.

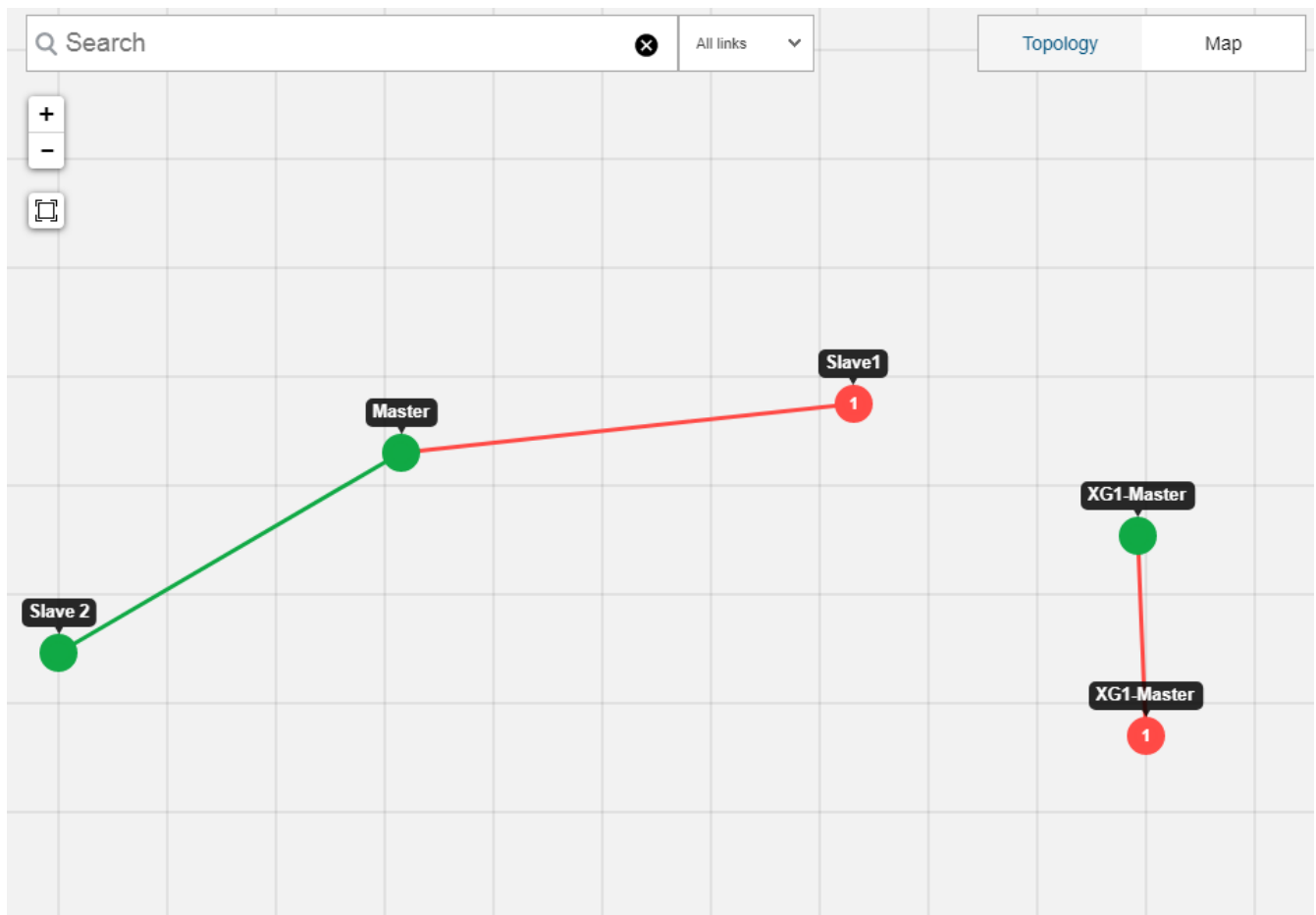


### E-mail notifications

E-mail from :	<input type="text" value="test@infimonitor.com"/>
SMTP server :	<input type="text" value="infimonitor.com"/>
SMTP port :	<input type="text" value="25"/>
	<input checked="" type="checkbox"/> Secure connection via SSL/TLS
Authorization type :	<input type="text" value="Simple password"/>
Login :	<input type="text" value="admin"/>
Password :	<input type="password" value="*****"/>

### Network map section

The network map allows to visually determine the hosts connectivity and to get necessary information about the hosts's and the link's status and their active events. There are two possible logical (topology) and geographical (map) views that can be selected using the button on the right top corner. The geographical view works with Google Maps API.



### User friendly

The menus are easy to use, clear and intuitive. To obtain full information about the InfiMONITOR capabilities please proceed to [InfiMONITOR - Technical User Manual](#).

## Graphical features

Automatic creation of graphs for key parameters, analysis tools and unlimited history. The graphs permit configurable views (zoom etc) and export as .csv.

