

# Easy Guardian 2 on Easy G2 FoxBox G20

SMS FoxBox messaging system

MERGED WITH

Nagios monitoring system

The same features of the SMS FoxBox G20:

- Up to 30 incoming SMS/min with a common SIM card
- 100% solid state hardware SMS gateway in just 105x110x45mm
- Fully featured Web interface for SMS management
  
- Email to SMS and SMS to email gateway
  
- Fully customizable software with PHP, C and Bash coding
- MYSQL client for database submission
- ODBC capabilities
  
- Quad band GSM modem
- Linux embedded OS 2.6.x
- Lighttpd embedded web servers
- SQLite embedded SQL server
  
- Expandable set of gateway functions

And the monitoring system powered by Nagios 3.2.1:

- Unlimited number of critical hosts and services checkable
- Alert SMS messages to mobile as soon as the problems occur for fast recoveries
- Contacts managing through groups and escalations
  
- Automatic fixing of problems through custom Event Handlers
- Performance and availability indices on web interface and reports
- Advanced downtime scheduling management
- Integrated parts of Ignoramus easy-configuration tools
- Realtime system monitoring & alerting through SMS + Short Message Service (SMS) management ---

A Linux embedded monitoring server for your network, with additional SMS management features, designed to be easily integrated in your ICT solution

Nagios FoxBox G20 is a tiny Linux-based server to monitor network devices in realtime, using a Nagios engine, also able to send and receive general purpose SMS messages using a commercial SIM card.

Nagios FoxBox G20 offers the same features of the classic FoxBox, as Web server with a fully-featured web interface to manage SMS services. Furthermore, it works as a monitoring server, with a web interface showing all the features available in Nagios, and a dedicated system to collect all the alerts and instantaneously send them via SMS to contacts you defined in configuration.

All the FoxBoxes include a GSM quadband modem, a microSD memory card to store the messages (up to 2 million of SMS with the default 2GB card), a Lighttpd Web server and a SQL lite database to manage and store the SMS queues.  
Technical equipment

- Debian Linux embedded OS kernel 2.6.31
- ATMEL ARM926ej-s 32bit RISC CPU
- Lighttpd embedded web server
- SQLite embedded SQL server
- MYSQL client and ODBC compliant
- Nagios monitoring engine fully integrated
- Fully customizable software with PHP, C and Bash coding
- Quad band GSM modem with external antenna with 2.5mt cable lenght

- Up to 30 incoming SMS/min with a common SIM card
- 2GB internal microSD card to store up to 2 millions of SMS (about 160 chars length).
- 100% solid state in just 105x110x45mm
- Fully featured Web interface for SMS management
- Expandable set of gateway functions
- BIS Module for failover, using 2 appliances for backup. Useful on mission critical environments.
- 2 USB ports to store messages on external USB Pen or USB Hard Drives
- Internal clock with backup battery and NTP support Functions available on the FoxBox Web interface
- Easy switch to Nagios interface
  
- Read and write SMS messages
- Polls on SMS functionalities
- Phone book management
- SMS messages broadcasting
- SMS messages processing
- User access profiles management
- System configuration
  
- Integrated editor for custom event scripts
- All pages customizable with XSL and CSS style sheet Functions available on the Nagios Web interface
- Easy switch to FoxBox iteface
- Access to Nagios engine parameters
  
- Quick network configuration tool based on Ignoramus
  
- Current status monitoring of hosts and services with maps and performance indices
- Step-by-step report creations
- Scheduling managementSMS to TCP/IP gateway functions
- SMS to/from email
- SMS to/from MySQL
- SMS to/from web script (PHP, ASP, JSP, etc)
- SMS to/from Microsoft Outlook
- SMS to/from Microsft Access
- SMS to/from Macromedia Flash animation
- SMS to/from desktop Widgets (MAC X OS, Windows, Linux)
- SMS to/from Postfix Nagios engine functions
- Realtime checks on network devices
- Alerts delivered to contacts via SMS
- Easy networkconfiguration management

#### Application fields

All the ones previously covered by SMS FoxBox G20 :

- Radio or television shows with live interaction with the public management
  
- Needing of advanced SMS services, sending and receiving SMS from a web interface and/or mailbox
- Massive SMS sending to a distribution list (SMS letter), also with statistics and surveys with real time reports
- News and feedback sending
- Using SMS as input for a web order-processing system
- Requests of informations or reports receivable via SMS And the new ones powered by Nagios :
- Realtime control over all the hosts and services of the core business
  
- Remote network devices monitoring, with just a mobile phone to receive alerts
- Devices management through a common SIM card

## INFO LINE

For info or support call:

+39 031 4030880

Always available (24h/7d) following instructions