



SysManSMS Server - The High Quality SMS Gateway

The Short Message Service (SMS) for mobiles and fixed phones are proven to be the most flexible and secure message system for alerts, remote control and information collection. Even if new mobile solutions like MMS and MAIL has been introduced, the SMS usage and popularity has increased significantly over years.

The SysManSMS Server is a high quality, secure and flexible 2-ways mobile gateway software, supporting the safe SMS protocol plus dialup calls. With its direct GSM link, you get an independent internet-free solution. Either the task is a general SMS solution or safe alert delivery; the built-in delivery notification and auto re-routing capability will make sure the messages are delivered, even if the default GSM network is broken. The SysMan supplied GSM devices come with a Watchdog to alert your critical full down situations. In this way the Server becomes your networks Emergency Exit!

The Send support of the background server component will handle client requests from command line, desktop, mail (smtp), url (http), traps (snmp) direct from *any* file. The SMS Storm control and text filters will limit sending unwanted messages. A powerful User Group manager works across all send interfaces and can be managed either by the administrator or direct from the users own mobile. A rights-database will manage user access and security settings.

The Received messages can safely start or stop programs and services, save to file or SQL database. The SMS-to-MAIL has full 2-ways INBOX support. In addition a special set of admin commands will help controlling your system, or you may create your own scripts or programs to support special tasks.

Integration with other applications is very flexible and can be done in several ways. Almost *any* application can make use of the gateway, including a 2-ways MAIL integration. More on integration at our company web site www.sysman.no/products/solutions

General features and requirements

- Windows (32/64) XP®, 2K, 2003, 2008/R2, Vista, 7, 8, 10
- Install and forget – Very reliable 24/7 compact software
- Send/Receive capacity of up to 25.000 SMS/24h per Modem
- Server/client architecture - supporting full LAN requests
- Live status and menu access from Windows desktop
- SMS Storm Control and out/in text filters to limit send/receive
- SMS Silence Alert if Server detect no messages sent
- Delivery check and auto re-routing - SMS read acknowledge
- Secure execution of *any* program on incoming SMS
- Built-in SMTP, HTTP and SNMP Services – auto managed
- Dual server, dual operators support with automatic failover
- Server Slave support for up to 30 Servers/Modems per PC

Worldwide GSM/SMS message support

- 2-ways communication with any worldwide GSM network
- Standard SIM card from any GSM operator
- Support SMS (160/1530 char) plus WakeupCall (dialup)

Send SMS from message files

- Send text files content to single users or users groups
- Accept free text files and formatted text, html and xml
- File text content may be used to direct destination groups

Send SMS from client programs

- Desktop and Command Line utilities for sending supplied
- Client failover to alternative number, gateway or gsm network
- Common User Group manager across all clients
- Client SDK for program developers including .NET

Send SMS from mail clients to built-in secure smtp server

- Send to numbers or list of users in User Groups
- Support unique mail-back SMS delivery notification
- SMS replies can be auto-routed back to senders INBOX

Send SMS from HTTP requests to built-in http server

- Fully integrated HTTP Server to receive url->sms requests
- Url's may specify multiple numbers or User Groups
- Fully configurable url string, including username/password

Send SMS from HTTP requests to Its module

- User friendly web form to send to numbers or User Groups
- Single URL support to send from applications in one step
- Fully configurable url string, including username/password

Send SMS from SNMP traps to built-in snmp server

- Unique Trap to mobile SMS message gateway
- Send to numbers or list of users in User Groups
- Easy to use SNMP translation editor included

Secure and powerful handling of incoming SMS

- Server can be managed from administrators SMS
- Save messages as text, xml or html files
- Save messages direct to *any* Access or SQL database
- SMS-to-MAIL forwarding; even without any address or key
- Powerful automatic start of programs as a sub processes
- Users sign on/off to User Groups from own mobile
- Start or Stop Windows Services from mobile, and much more

Security and logging

- Windows Event log support - notifications on SMS or e-mail
- Account and Activity logs for all components
- Monitors critical Windows Services – send SMS alerts
- Advanced Modem Watchdog to monitor hardware breakdown
- Rights-database to limit or stop mobile access