

SMSCMD (<http://www.smsbox.be/nl/smscmd.htm>)

1. Description :

SMSCMD is the shortname for SMS COMMAND. The purpose is to send a text command by sms eg. iisreset, net start/stop servicename etc.

SMS is fast and reliable. You don't need to have high operator signalstrength. GPRS, 3G is slower and requires more steps to do the same command. eg. login thru remote desktop, starting DOS prompt, type the command etc.

In critical and stressed situations the only thing you want is fast action!

2. Requirements :

- Register an account on <http://www.smsbox.be>
- Buy sms-credits to receive/send sms
- Install a small Linux/Windows application on the server. The application is FREE to use. It runs as a service. The windows application is written in VB.NET which is supported by all windows server OS (eg. 2003, 2008). The Linux application requires a PHP 5 version.

3. Install :

In the running application you can set your smsbox login credentials, a server name, calling SID (=server id). SID represents your server eg. TERRA is the server on IP 192.168.1.100. After setting the config, you can run the service. The running application checks every X seconds (defined in the GUI or config file) the table on the smsbox DB server contains a new command to execute. If yes, the command is executed on the server. The server posts back the result of the command thru the smsbox gateway. The mobile user receives the response on his mobile.

4. Security :

In your smsbox.be account you can set per SID which mobile user can send commands to your server. (screenshot)

SMSCMD - Access control

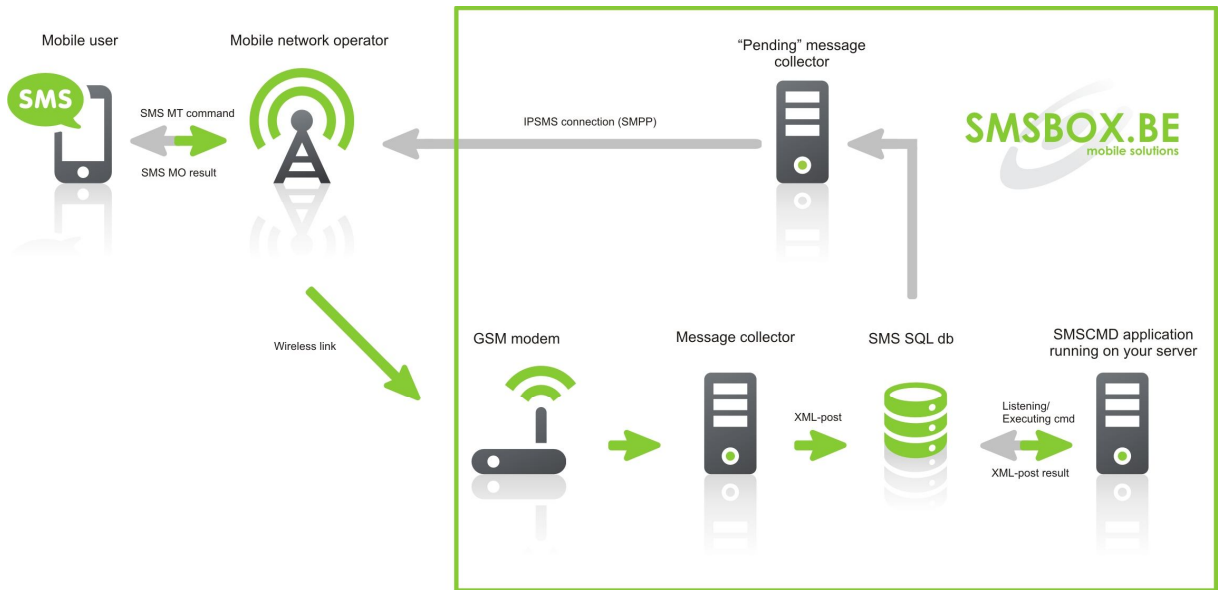
- Allowed senders can only send commands to your SMSCMD application.
- Put a sender eg. 32496xxxxxx and select the correct sid.

Sender: for sid: -> Choose a sid

1) +32496428294 (ABO)
 2) +32496428294 (BACKUP)
 3) +32496428294 (TERRA)
 4) +32496428294 (VALKEN)
 5) +32496428294 (VPS)

Choose a sid dropdown menu:
 TERRA
 ABO
 BACKUP
 VPS
 VALKEN

5. SMSCMD schematic presentation



6. Explanation

1. Person sends an sms with his SID and iisreset to a predefined sim-number. Eg. SMS 'TERRA iisreset' to number +32477354127. The sim-number is putted into a gsm modem that XML-post every received message to the smsbox DB server.
2. The SMSCMD application on the server TERRA will fetch the command in the DB and will execute it on the TERRA server.
3. The result of the command iisreset is :

```
iisreset Succes
Attempting stop...

Internet services succesfully stopped

Attempting start...

Internet services succesfully restarted
```

This result will be send to the persons mobile thru the smsbox sms gateway.