SMS management – example

GWR routers can be managed over the SMS messages. Commands from the SMS are executed on the router with status report sent back to the sender.

On the picture below are settings for SMS management where three mobile phone numbers are allowed to send commands to the router over first SIM card. In this example management over SIM2 is not enabled. SMS service center number is automatically obtained.

Settings are following:

- Enable Remote Control: Enabled
- Use default SMSC: Enabled
- Phone Number 1,2…5: Allowed phone number

From the mobile phone user can send 6 different commands for router management. Commands are following:

1. :PPP-CONNECT
2. :PPP-DISCONNECT
3. :PPP-RECONNECT
4. :PPP-STATUS
Reply to this command is one of four possible states:
 - CONNECTING
 - CONNECTED, WAN_IP:{WAN IP address}
 - DISCONNECTING
 - DISCONNECTED

5. :SWITCH-SIM, for changing SIM slot
6 :REBOOT, for router reboot

After every SMS sent to the router, reply is sent back with status information about SMS received by the router.