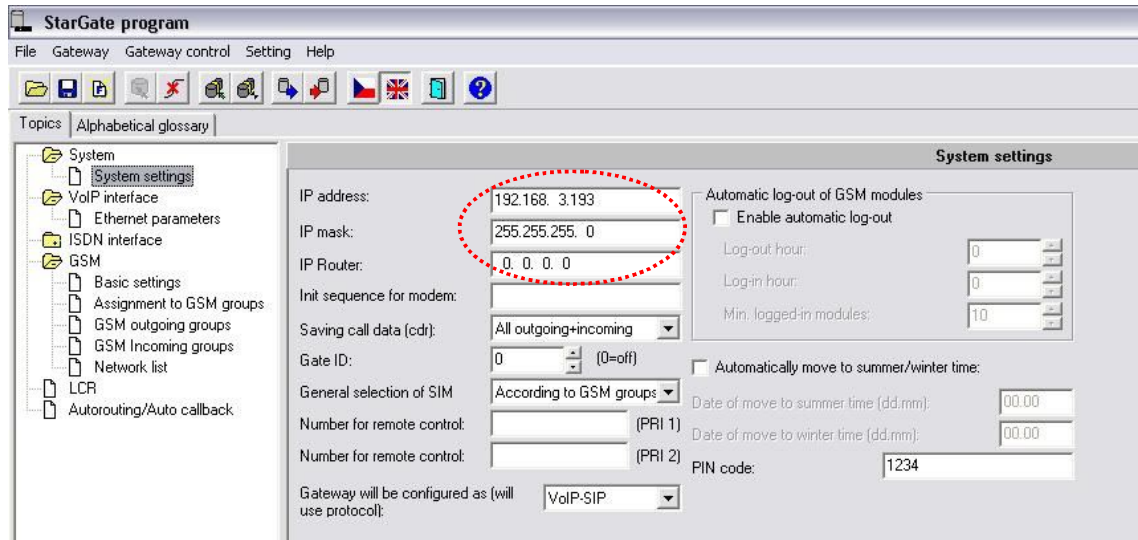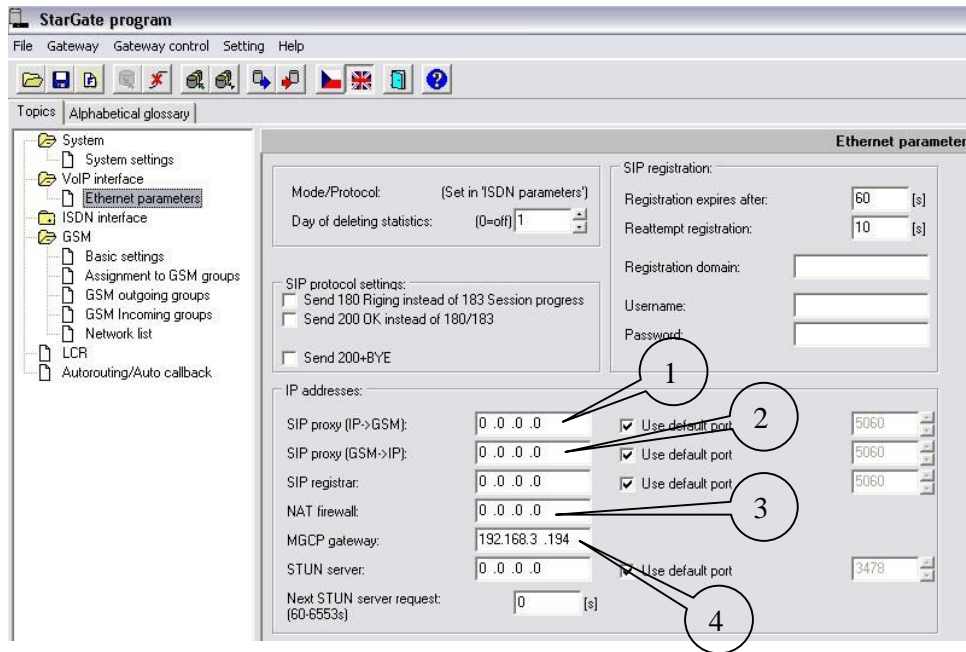# How to configure your VoIP Stargate (BlueStar) in "five" steps

1st step set IP address of the StarGate CPU card according to conditions in your LAN (192.168.1.100 by default)
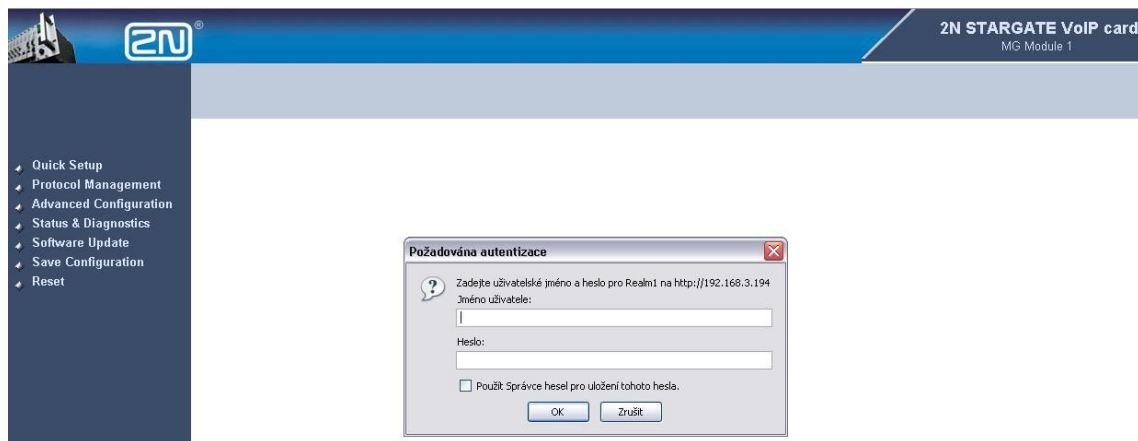

2nd step set IP addresses in the VoIP menu
1. Set the IP address **from** which the StarGate obtain the VoIP traffic (if there is written the IP address 0.0.0.0 traffic from all IP addresses is accepted)
2. Set the IP address **to** which the StarGate send the VoIP traffic (if there is written IP address 0.0.0.0 it is not possible to establish incoming call, that's the way it is not necessary to fill it for terminating StarGate)
3. Set the public IP address the NATing router (firewall) if you want to use the SG behind the NAT
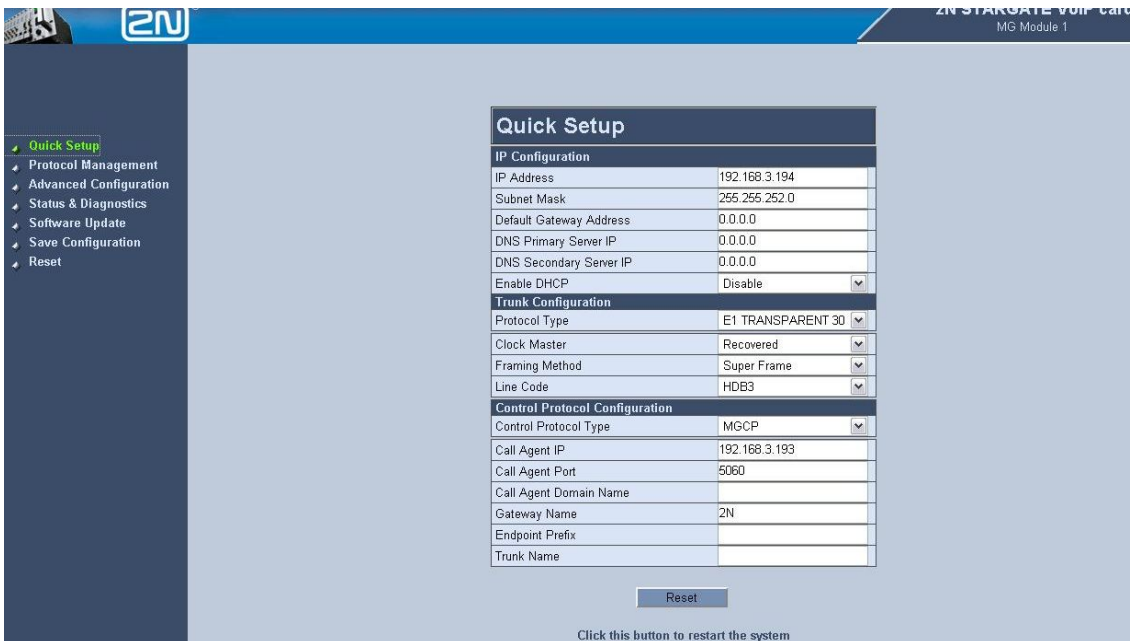4. **Set the IP address of the VoIP card** (192.168.1.101 by default)

3rd and 4th steps to configure the StarGate VoIP card basic settings.

1. Open the IP address of the VoIP card (192.168.1.101 by default) in the Internet browser
2. Log into the management interface (Admin/Admin by default)

3. In the in the menu **Quick setup**, the table **IP configuration** configure basic IP address settings of the VoIP card (IP address, mask, default gateway)
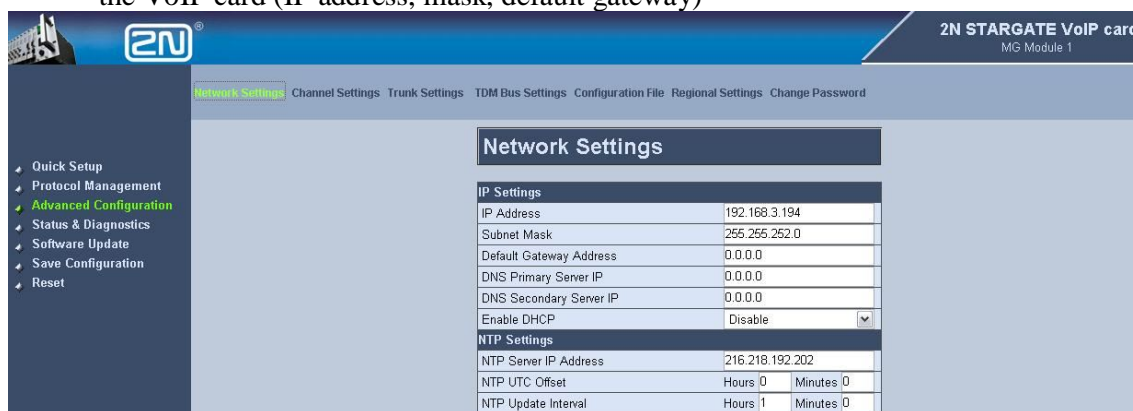4. In the area **Control protocol** set the **IP address of the CPU card**

5. Click on the **RESET** button for reset the card
6. Double-check your configuration

5th minute configure the LCR of the StarGate as usually and connect the VoIP card and LAN port of the CPU card on the same Ethernet switch (**the VoIP card and CPU has to be on the same IP subnet!!!**)
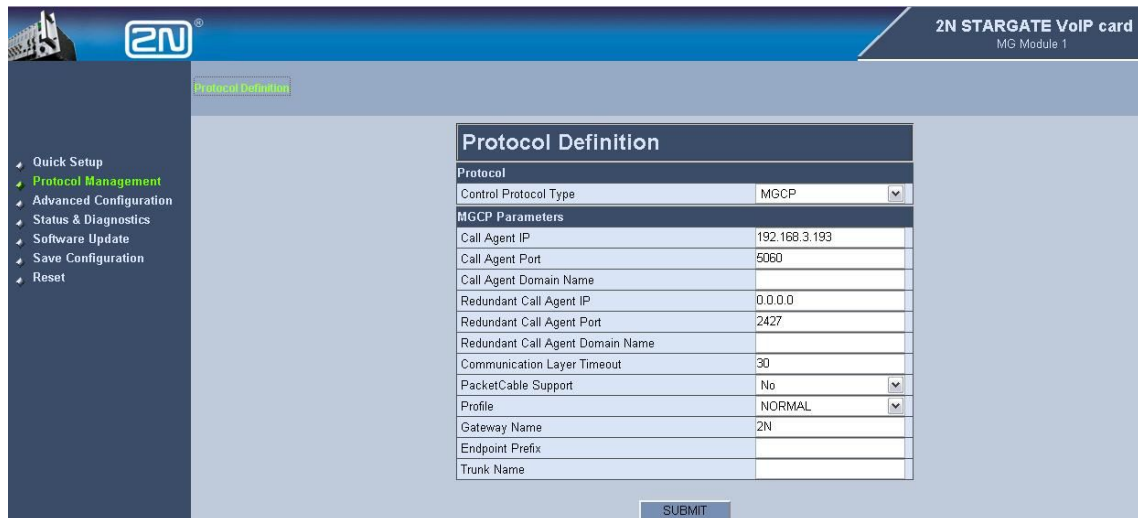
Now you can make a test call

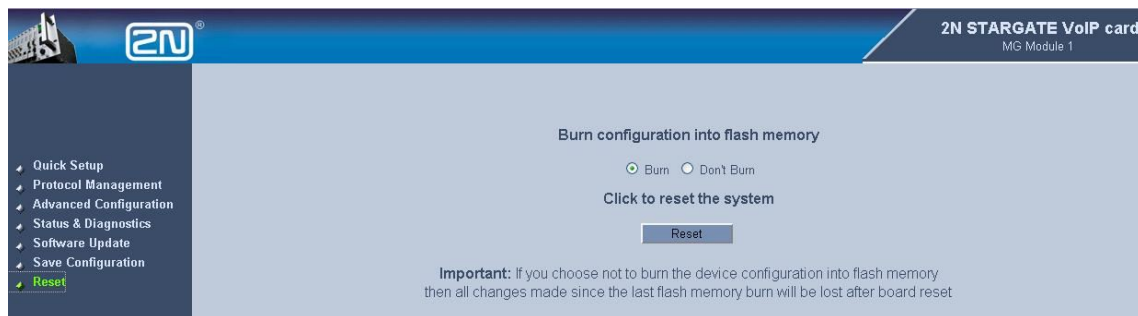**The differnt way of the configuration of the VoIP card is bellow**

1. The login is the same
2. In the menu **Advanced configuration -> Network settings** write basic IP settings of the VoIP card (IP address, mask, default gateway)

3. In the menu **Protocol Management -> Protocol definition** to the line **Call agent IP** fill the IP address of the StarGate's CPU card

4. In the menu **Reset** select the option **burn** and reset the card

5. Double-check your configuration

Notice: For this type of configuration (peer to peer) you have to configure in your router (softswitch) SIP line **to IP address of the StarGate's CPU card**.
The StarGate uses ports: 5060 for SIP signalization (UDP), 23 for managing (TCP), RTP 4000 and more (UDP)