2N®

VoiceBlue Next

2N® VoiceBlue Next & Panasonic NCP connected via SIP trunk

Quick guide

Version 1.00 www.2n.cz

2N® VoiceBlue Next Parameters

- **IP address:** 192.168.88.2
- **Port:** 5060
- **Firmware:** 03.00.03rc3

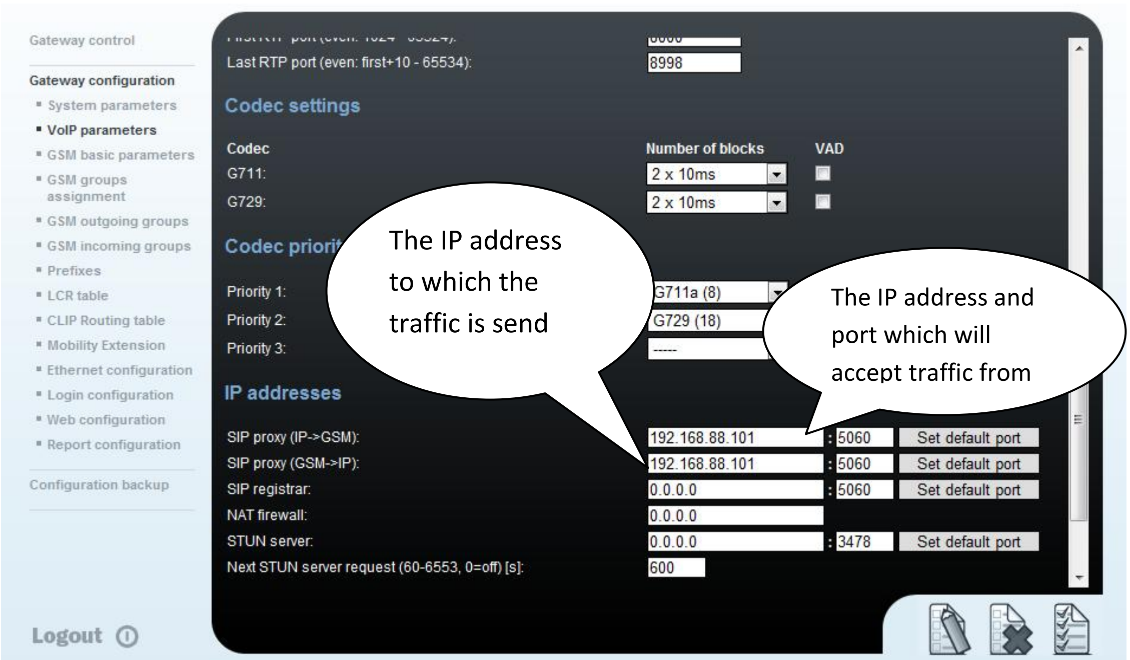
PBX Panasonic KX-NCP500VNE

- **IP address:** 192.168.88.101
- **IP DSP:** 192.168.88.102
- **Port:** 5060
- **Port Invite:** 5060
- **Firmware:** 003-000

SIP TRUNK INTERCONNECTION

1) For the setting of the trunk between the VoiceBlue Next and your PBX you need to configure SIP proxy (GSM→IP) for GSM incoming calls. SIP proxy (IP→GSM) is designed for secure communication just with traffic from your Panasonic PBX. You can specify the IP address and port which will accept SIP packets from.

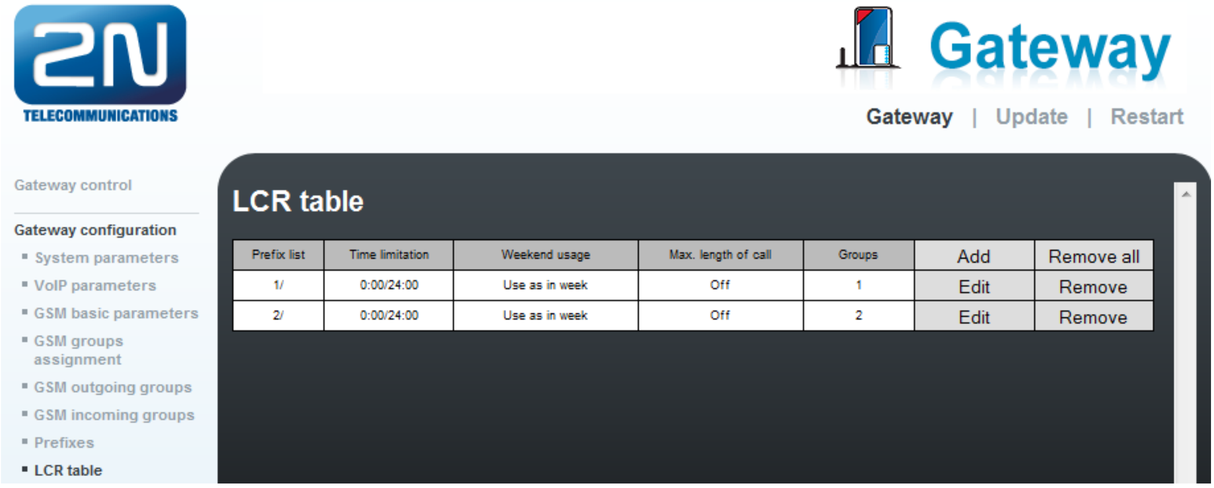
   In case you leave there 0.0.0.0 it will be open for all traffic.

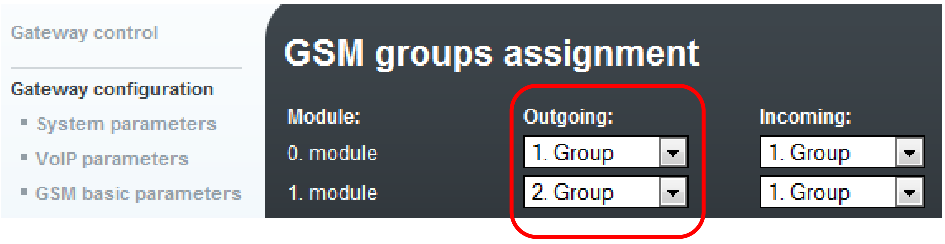


Configuration of the LCR (Least Cost Routing)

The GSM operator has e.g. in our country prefix 7 and 8 with a nine digit the length number. The setting is below.

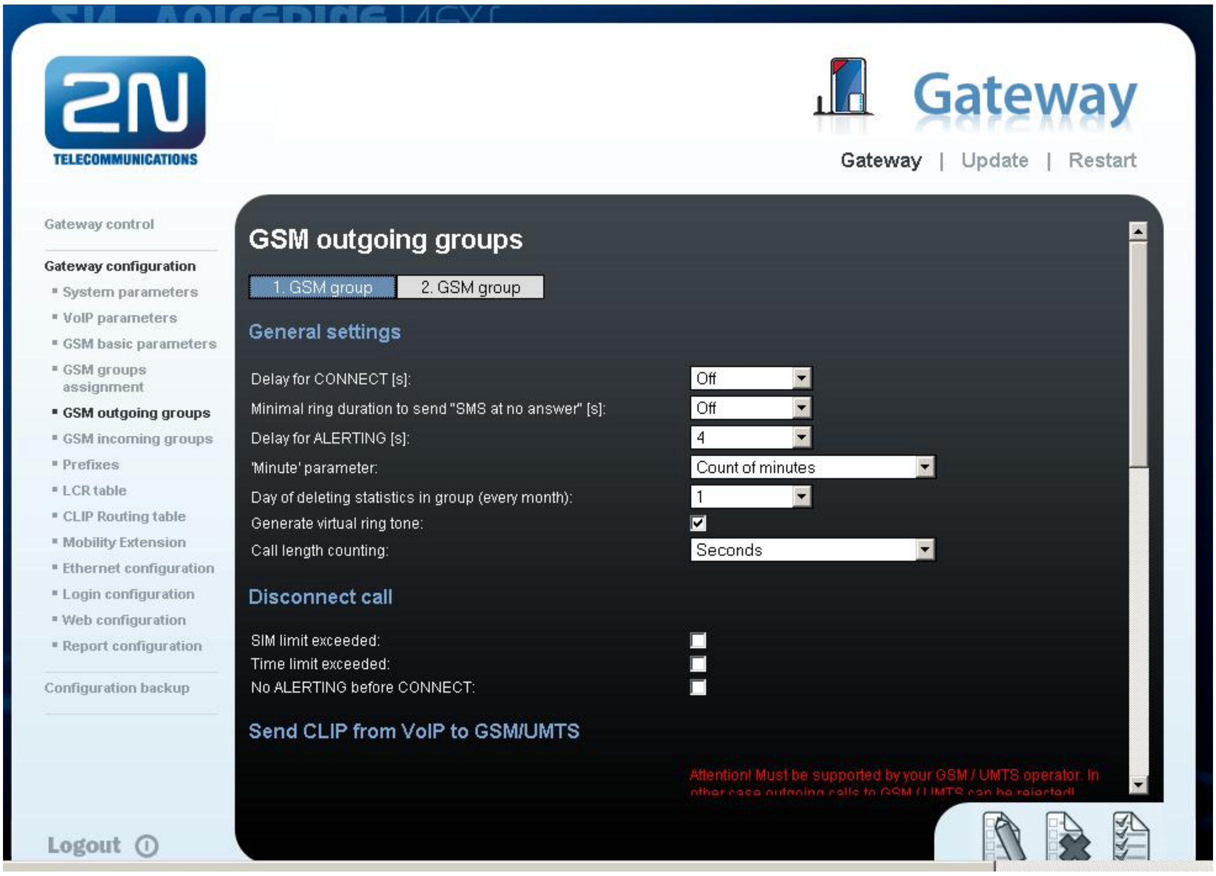
2) You need to create LCR rule for defined prefixes. The GSM group says thru with outgoing group the call will follow and in the GSM group assignment you can define, which SIM cards below to which GSM outgoing group.





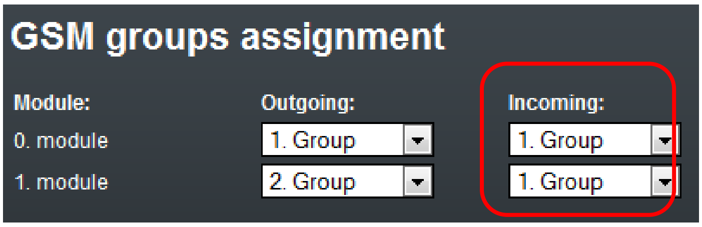
Configuration of GSM outgoing groups:

You are able to set up different setting for each GSM group (CLIR, free minutes, Virtual ring tone, roaming and others)



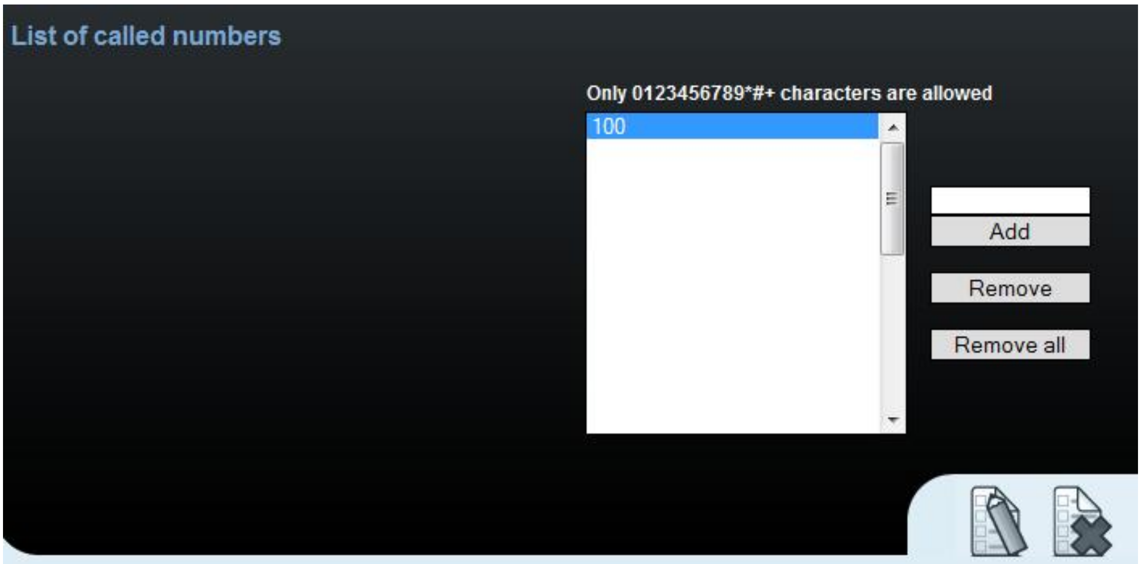
Incoming calls

For incoming calls you can define 2 groups with the different behavior and assign them to the GSM modules. The settings are similar with GSM groups assignment for outgoing calls.



In GSM incoming groups you can define the behavior for each GSM incoming group. Choose the mode to Reject, Ignore, Accept incoming calls or Callback.

You can define the list of called numbers which will be automatically dialed after DTMF dialing timeout if the customer don´t press any button till the specified time. From the configuration, you can see 10 seconds for DTMF dialing and after that the call will be routed to the extension 100 to your Panasonic PBX (if you set up SIP proxy (GSM->IP) in VoIP parameters).

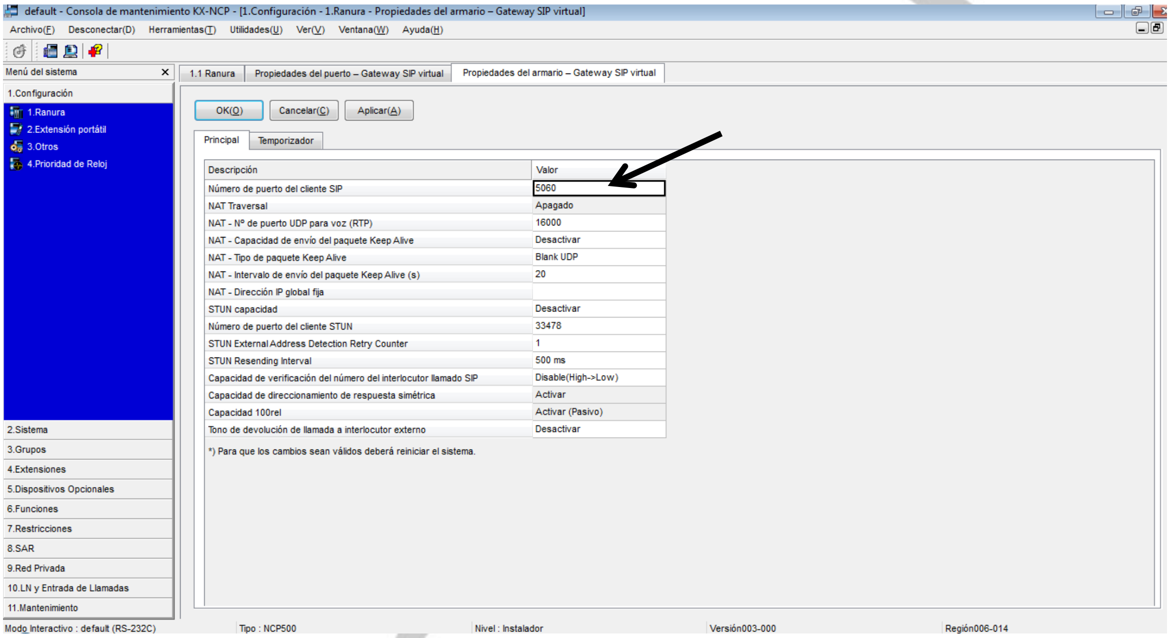


PANASONIC NCP SETTING (by Masscomm)

1) Connection settings

First of all we need to create a new slot as SIP Trunk (SIP Gateway Virtual type).

By default Panasonic NCP has the port 35060 opened to receive INVITE messages from the other side. We have to switch Virtual rack and V-SIPGW16 card to **mode "OUS".** Then, we have to change the parameter in the virtual rack and card **Properties of the rack->Virtual SIP Gateway (Trunk) Number of port of SIP Value:** 5060. *(Default value 35060)*

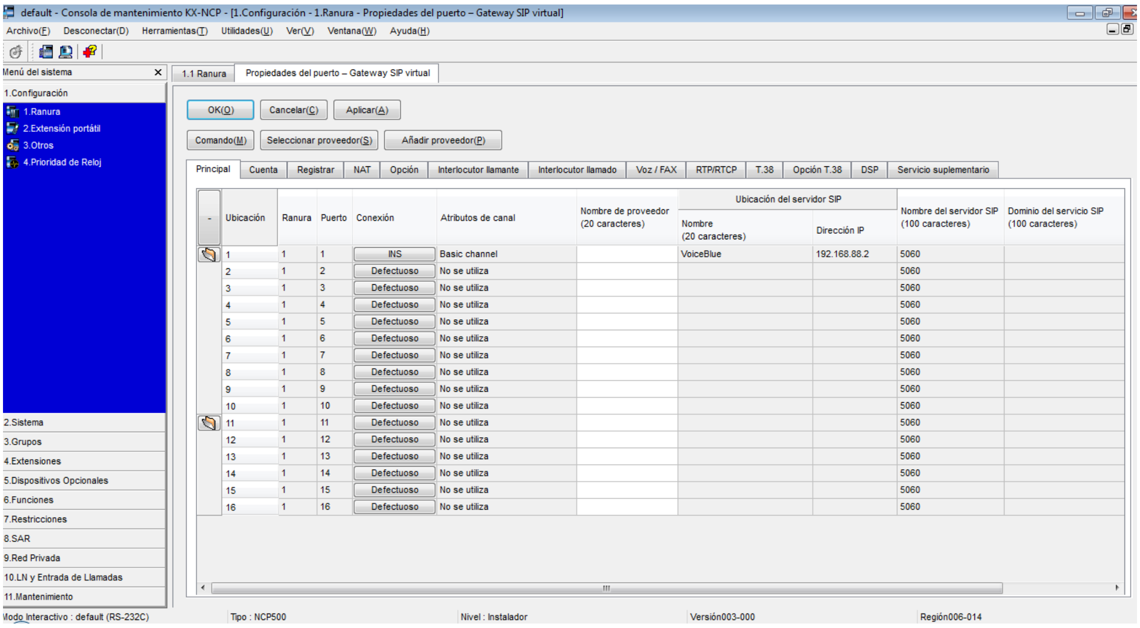


After this change the PBX has to be restarted

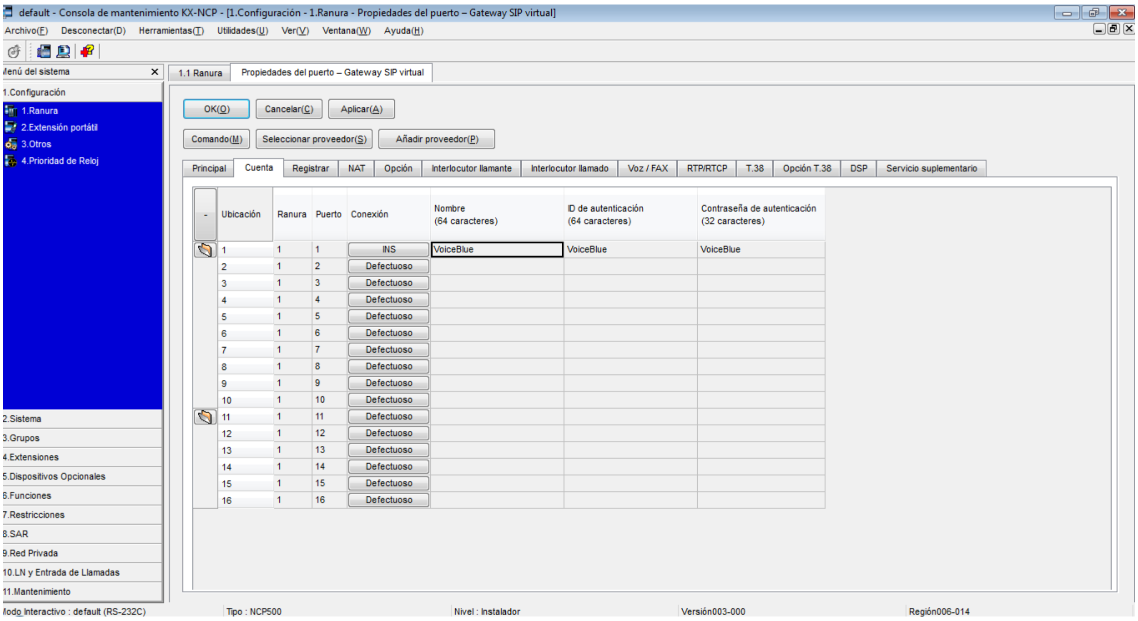
1) SIP Trunk settings

The port is going to be used has to be set as OUS.
In the main tab fill the following params:

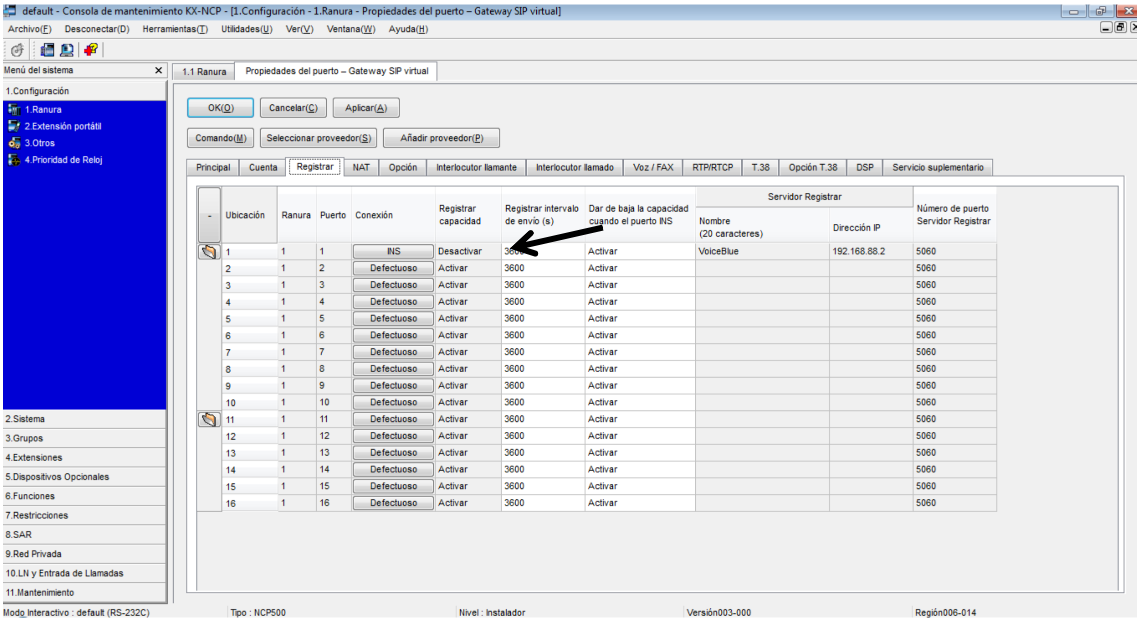
Channel Attribute=Basic Channel;
Name=VoiceBlue
IP address=192.168.88.2 (in the example)



In tab **Account** the fields *Name*, *Authentification ID*, *password*, should be filled. In our case we set all parameters as VoiceBlue



We go to tab REGISTRAR and we have to set REGISTRAR CAPACITY as DISABLED. After that we will configure the server to Registrar Name: VoiceBlue; IP= 192.168.88.2.



After following previous steps the port must be set in mode INS (It should remain marked). We are able to do the testing now of the interconnection of both devices.

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