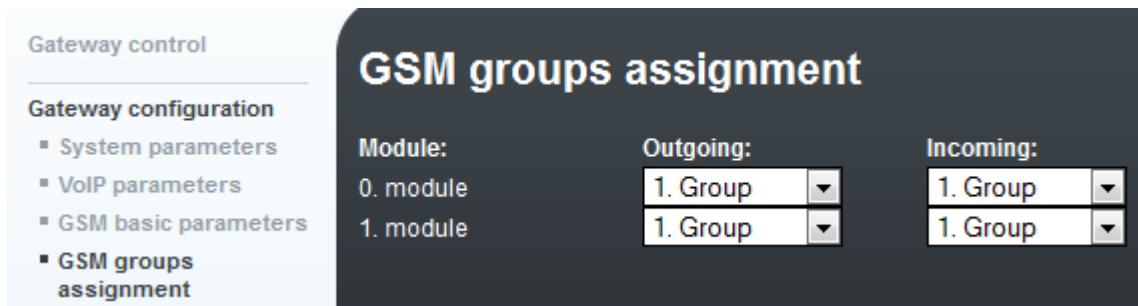


Call routing - Forwarding call to one extension number

Following guide explains how to route the call directly to the defined extension number. The call on GSM side is answered after it was answered on VoIP side.

Example: All calls routed to extension 100 in VoIP.

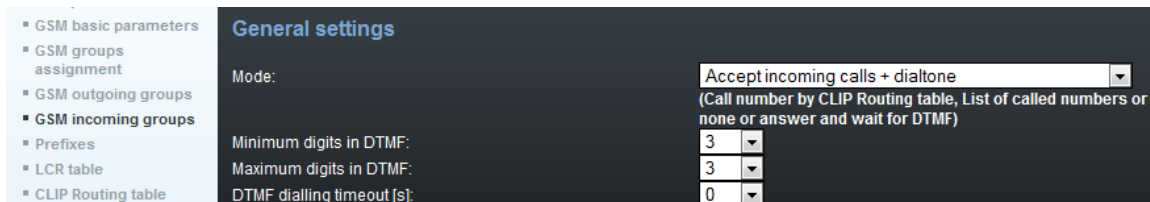
Gateway configuration/GSM Group Assignment - put all modules in one Incoming group



The screenshot shows the 'GSM groups assignment' configuration page. On the left, there is a sidebar with 'Gateway control' and 'Gateway configuration' sections. Under 'Gateway configuration', there are four sub-sections: 'System parameters', 'VoIP parameters', 'GSM basic parameters', and 'GSM groups assignment' (which is selected). The main content area is titled 'GSM groups assignment' and contains three columns: 'Module:', 'Outgoing:', and 'Incoming:'. Under 'Module:', there are two rows: '0. module' and '1. module'. Under 'Outgoing:', there are two dropdown menus, both set to '1. Group'. Under 'Incoming:', there are two dropdown menus, both set to '1. Group'.


Gateway configuration/GSM Incoming Groups - change following settings in Incoming group 1

- Mode: Set Accept incoming calls + dial tone or Accept incoming calls + voice message (it works the same way as if DTMF dialling time-out is set on 0)
- Minimum and Maximum digits in DTMF: Set correct length of digits (for example if you want to dial 100, put 3, if you want to dial 10, put 2)
- DTMF dialling time-out: Set 0 which means that the gateway does not wait for any dialling from a mobile user and the call is immediately routed to numbers in List of called numbers



The screenshot shows the 'General settings' configuration page. On the left, there is a sidebar with 'GSM basic parameters', 'GSM groups assignment', 'GSM outgoing groups', 'GSM incoming groups' (which is selected), 'Prefixes', 'LCR table', and 'CLIP Routing table'. The main content area is titled 'General settings' and contains several settings: 'Mode:' is set to 'Accept incoming calls + dialtone' (with a dropdown arrow); below it is the text '(Call number by CLIP Routing table, List of called numbers or none or answer and wait for DTMF)'; 'Minimum digits in DTMF:' is set to '3'; 'Maximum digits in DTMF:' is set to '3'; and 'DTMF dialling timeout [s]:' is set to '0'.

- Scroll down to List of called numbers and insert number of extension that you want to dial automatically. You can specify more numbers. If the first number is busy then the next number will be dialled.



The screenshot shows the 'List of called numbers' configuration page. At the top, it says 'Only 0123456789*#+ characters are allowed'. Below this is a text input field containing the number '100'. To the right of the input field are three buttons: 'Add', 'Remove', and 'Remove all'.

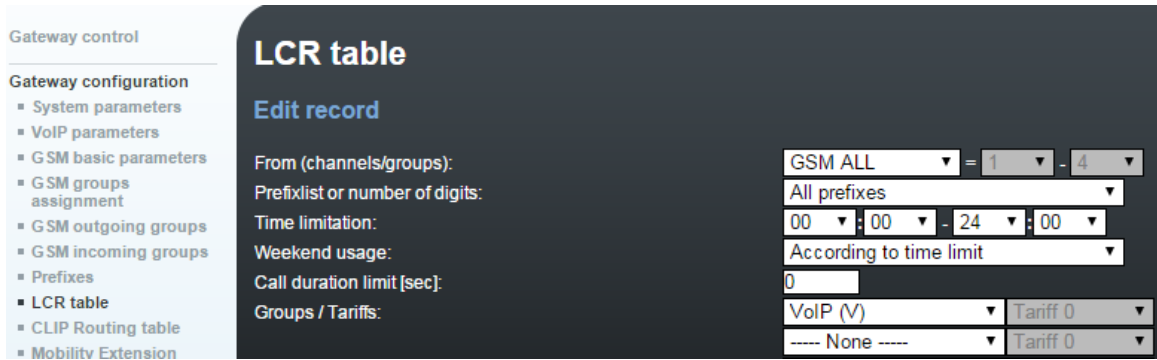
- Gateway configuration/VoIP parameters: Verify that correct IP of your PBX is set so that the gateway knows where to send the call

SIP proxy (GSM->IP): 192.168.50.123 : 5060 Set default port

The gateway is ready. Make a test call.

Note: If you want to dial a different number in VoIP for incoming call on each SIM then put GSM modules in more incoming groups and set other groups in the same way, only with a different number in List of called numbers.

Note2: Add a new route in LCR if there is firmware 1.22 and higher



The screenshot shows a web interface for configuring the LCR table. On the left is a sidebar with a tree view under 'Gateway control' and 'Gateway configuration'. The 'LCR table' item is selected. The main area is titled 'LCR table' and 'Edit record'. It contains several configuration fields:

- From (channels/groups): GSM ALL = 1 - 4
- Prefixlist or number of digits: All prefixes
- Time limitation: 00 : 00 - 24 : 00
- Weekend usage: According to time limit
- Call duration limit [sec]: 0
- Groups / Tariffs: VoIP (V) Tariff 0 and ----- None ----- Tariff 0

More product information:

2N® StarGate VoIP (Official Website 2N)

2N® BlueTower VoIP (Official Website 2N)