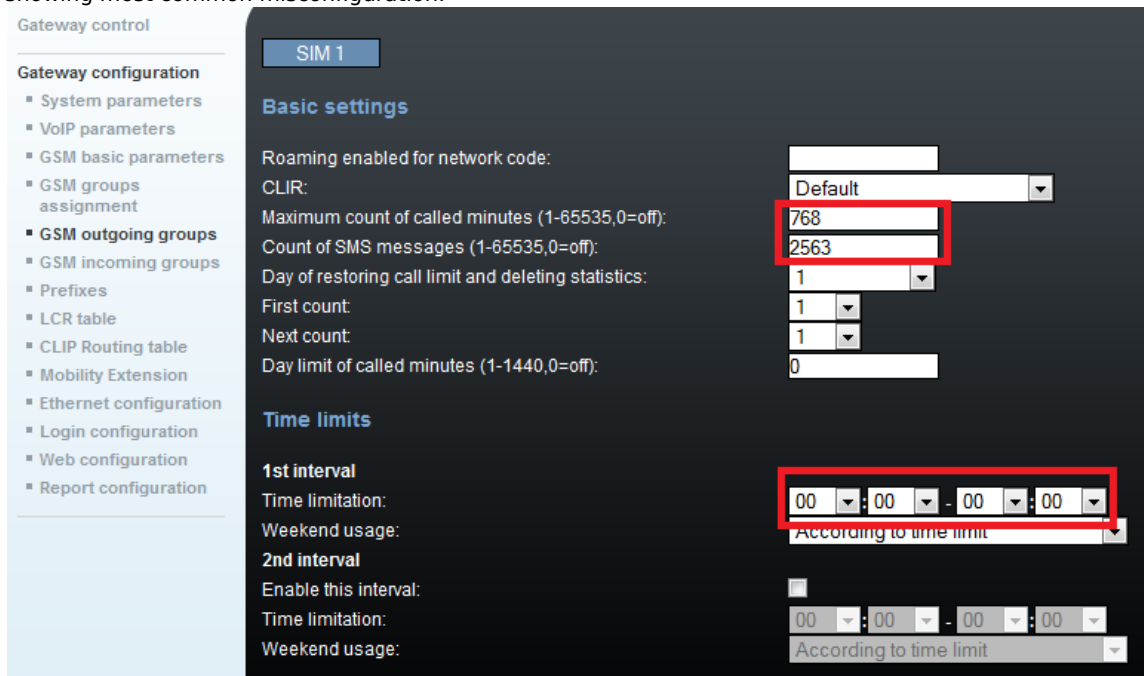


Upgrade - from firmware 1.19 and lower to firmware 1.22 and higher

As there are some bigger changes in routing system in firmware 1.22 then some configuration setup might be not transferred correctly. The factory reset is recommended but small configuration adjustment is usually enough. To this date we met two issues. You can see below how to fix them.

Calls are not passing

1. Check LCR table that correct routes are set and that they are interconnecting fix network with mobile network.
2. Check GSM Outgoing Group settings and specially some parameters marked below. The screenshot is showing most common misconfiguration.



Gateway control

Gateway configuration

- System parameters
- VoIP parameters
- GSM basic parameters
- GSM groups assignment
- GSM outgoing groups**
- GSM incoming groups
- Prefixes
- LCR table
- CLIP Routing table
- Mobility Extension
- Ethernet configuration
- Login configuration
- Web configuration
- Report configuration

SIM 1

Basic settings

Roaming enabled for network code:

CLIR: Default

Maximum count of called minutes (1-65535,0=off): 768

Count of SMS messages (1-65535,0=off): 2563

Day of restoring call limit and deleting statistics: 1

First count: 1

Next count: 1

Day limit of called minutes (1-1440,0=off): 0

Time limits

1st interval

Time limitation: 00:00:00

Weekend usage: According to time limit

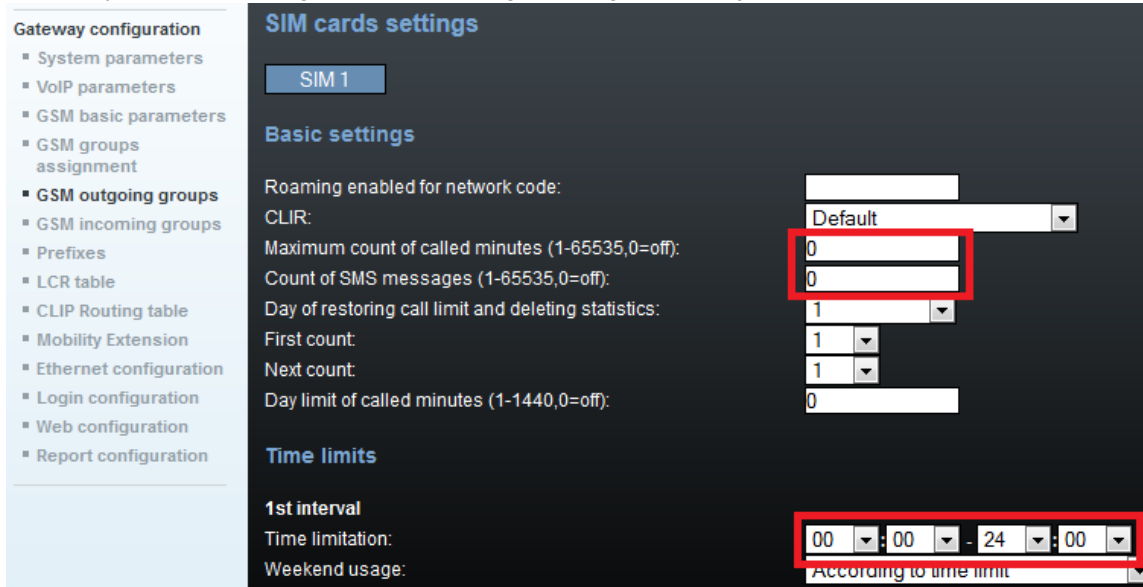
2nd interval

Enable this interval:

Time limitation: 00:00:00

Weekend usage: According to time limit

The next picture is removing limits and allowing SIM usage whole day.



Gateway configuration

- System parameters
- VoIP parameters
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- GSM incoming groups
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- LCR table
- CLIP Routing table
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- Login configuration
- Web configuration
- Report configuration

SIM cards settings

SIM 1

Basic settings

Roaming enabled for network code: [input field]

CLIR: Default [dropdown]

Maximum count of called minutes (1-65535,0=off): 0 [input field]

Count of SMS messages (1-65535,0=off): 0 [input field]

Day of restoring call limit and deleting statistics: 1 [dropdown]

First count: 1 [dropdown]

Next count: 1 [dropdown]

Day limit of called minutes (1-1440,0=off): 0 [input field]

Time limits

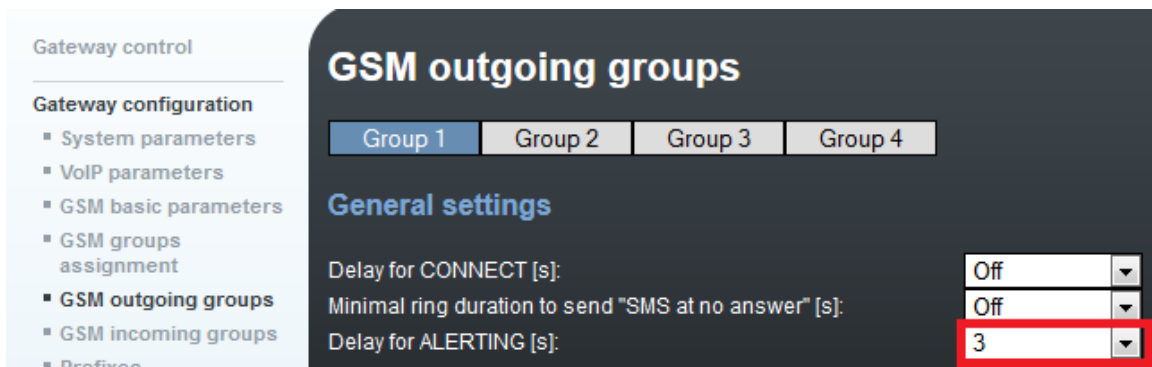
1st interval

Time limitation: 00 : 00 - 24 : 00 [input field]

Weekend usage: [dropdown]

No ringback tone

Check Delay for alerting in GSM outgoing groups. If there is 0 then ringback tone is switched off. The default value is 3.



Gateway control

Gateway configuration

- System parameters
- VoIP parameters
- GSM basic parameters
- GSM groups assignment
- GSM outgoing groups**
- GSM incoming groups
- Prefixes

GSM outgoing groups

Group 1 | Group 2 | Group 3 | Group 4

General settings

Delay for CONNECT [s]: Off [dropdown]

Minimal ring duration to send "SMS at no answer" [s]: Off [dropdown]

Delay for ALERTING [s]: 3 [input field]

More product information:

2N® VoiceBlue Next (Official Website 2N)