2N®
SIM Star Server

How to activate SIM on SIM Star Server

Quick guide

Version 1.00 **www.2n.cz**

2N® SIM Star Server - How to activate SIM

Before you begin reading this guide, you will need following settings/equipment already prepared:
- fully operational gateway and SIM Star Server
- one GSM Group, one SIM Group and one Rule created at least
- SIM cards assigned to SIM Group, properly set credit checking procedure (if prepaid SIMs used)

1) **GSM Group**

   Check settings of GSM Group which will be used for activation, it has to be unrestricted for activation. Regarding your requests please select one of following restriction options:
   - *No restriction*
   - *Use SIM cards with recharging or activation request only*
   - *Use SIM cards with activation request only*

2) **SIM Group**

   Edit SIM group which will be used for activation and go to the *1st SIM card activation settings* section. Till SIM Star Server *version 1.7.0 are 2 activations* available, from *version 1.8.0 are up to 6 activations* available.
   Here set up following settings (marked **bold** is necessary):
   - **Type** – USSD, SMS or IVR – choose **one** of recharging possibilities

- **Number(s)** – if you use type SMS or IVR, enter here number(s) for send/dial. You can define more phone numbers separated by semicolons for random choose.

- **String**:
    - ○ **USSD** – code to send (for ex. *101#). For USSD menu browsing use the semicolon as a delimiter of steps.
    - ○ **SMS** – text of recharging SMS (for ex. ACTIVATE %n – send SMS with text ACTIVATE assign phone number of SIM)
    - ○ **IVR** – sequence of tones and delays (ex. pP1w9W – wait 1+2 seconds, press 1, wait 5 seconds, press 9, wait 10 seconds)
        - ▪ p – pause 1 second
        - ▪ P – pause 2 seconds
        - ▪ w – pause 5 seconds
        - ▪ W – pause 10 seconds
        - ▪ *#0123456789 – DTMF codes

- Act. idle time (min) – after successful activation this time is used instead of idle time
- Activate new SIMs – activation for new inserted SIM cards will be requested
- Act. recharged SIMs – activation for recharged SIM cards will be requested
- Activation day – you can specify day when SIM cards are automatically activated
- Minimal credit – minimal credit balance of SIM card before activation

- Keep logged after act. – keep SIM card logged after successful activation (otherwise SIM is logged out before next use)

3) Activate SIM

a) <u>Activate new SIMs in SIM Group settings enabled</u>
All new SIM cards added to the specific SIM Group are automatically activated.

b) <u>Activation day (auto activation) in SIM Group settings enabled</u>
All SIM cards in the specific SIM Group are automatically activated on selected day (for ex. every x-th day of month/week etc.).

c) <u>Activate SIM manually</u>
Go to: **SIMs – choose specific SIM and click on edit ✎ icon on the row**

Show SIM board:	All SIM boards		Show disabled:	all
Show SIM group:	All SIMs (grouped and ungrouped)		Show blocked:	all
Show positions:	All SIMs (used and unused)		Show SIM types:	all

⊻ Table menu, ⊻ Action menu, SIM channels on SIM Board

SIM board [1] New Sim board

IMSI	Ch.	Group	Status	Assigned to	Hard linked	IMEI	Type	Remark	Disabled	Blocked					
230020700966089	0	[0]	Ok	gw 0 ch 7	gw 0 ch 7	no	tariff		no	no	➡	✎	✖	⏬	☐
230022901132085	1	[0]	Ok			no	tariff		no	no	➡	✎	✖	⏬	☐
214074200000566	2	[0]	Ok			no	tariff		no	no	➡	✎	✖	⏬	☐
	3		[None]										Edit		
214074200002014	4	[0]	Ok			no	tariff	O2 Spain M2M testing SIM	no	no	➡	✎	✖	⏬	☐
214074200000565	5	[0]	Ok			no	tariff	O2 Spain M2M testing SIM	no	no	➡	✎	✖	⏬	☐
	6		[None]												
	7		[PIN - blocked]												
	8		[None]												

When editing SIM you can select activation(s) you would like to proceed (up to 2 or 6 activations depending on the SIM Star Server version).

Edit SIM 214074200000566

General info

SIM group:	[1] T-Mobile SIM Group
SIM type:	tariff
Remark:	
Phone number:	?
Disabled:	☐

☐ Unblock

☐ Request 1st activation	☐ Cancel 1st activation
☐ Request 2nd activation	☐ Cancel 2nd activation
☐ Request 3rd activation	☐ Cancel 3rd activation
☐ Request 4th activation	☐ Cancel 4th activation
☐ Request 5th activation	☐ Cancel 5th activation
☐ Request 6th activation	☐ Cancel 6th activation

4) Activation result

When activation proceeded you will see the result in the detail clicking on the View ➡ button on the row of specific SIM.

General info
View SIM 230020700966089

⬅ Back to SIMs, ✏ Edit, ✖ Remove, ⬇ Action menu, 📊 ASR graph, 📊 ACD graph

General info

SIM board:	[1] New Sim board
Channel:	0
SIM group:	[1] T-Mobile SIM Group
SIM type:	tariff
Remark:	
Phone number:	728594661
SCID:	8942020399605158317
Disabled:	no
Blocked:	no

Blocked count

Failed calls:	0
Short calls:	0
Failed SMSs:	0
Failed logins:	0
Failed credit checks:	0
Failed rechargings:	0
Registration error:	0
Incorrect plan:	0

SIM status info

Status:	Ok
Assigned to:	gw 0 ch 7 (id: 7)
Hard linked to:	gw 0 ch 7 (id: 7)
Last used in:	gw 0 ch 7 (id: 7)
Last login:	2012/07/27 - 08:35:48 dst (Server local time)
Last logout:	2012/07/27 - 08:35:47 dst (Server local time)
Time using:	0d 21h 16m
Total time using:	0d 21h 16m

Tariff SIM card info

Free minutes:	0
Actual free minutes:	0
Free SMSs:	used from SIM group
Actual free SMSs:	0

Last gateways

[0] (2012/07/27 - 08:33:14 dst / 2012/07/27 - 08:35:47 dst)
[0] (2012/07/26 - 11:15:19 dst / 2012/07/27 - 08:33:12 dst)
[1] (2012/06/16 - 15:15:40 dst / 2012/06/16 - 15:17:17 dst)
[1] (2012/06/16 - 15:13:58 dst / 2012/06/16 - 15:15:37 dst)
[1] (2012/06/16 - 15:12:18 dst / 2012/06/16 - 15:13:57 dst)

Tariff SIM card - call tariffs info

	Tariff 1	Tariff 2	Tariff 3	Tariff 4
Actual free minutes:	0	0	0	0

Active recharging

Prepaid SIM card info

Actual credit:	0.00
Actual rech. count:	0

Activation status

1st:	Activated, 2012/07/18 - 06:07:59 dst
2nd:	Not requested
3rd:	Activated, 2012/06/21 - 15:15:15 dst
4th:	Not requested
5th:	Not requested
6th:	Not requested

Assigned IMEI

No IMEI assigned

Lookup info

Already used

ASR (Answer Seizure Ratio)

Total SIM usage:	no calls
Last SIM usage:	no calls

ACD (Average Call Duration)

Total SIM usage:	no calls
Last SIM usage:	no calls

Activation USSD answers

1st:	ok
2nd:	
3rd:	MSISDN:|673790876
4th:	
5th:	
6th:	