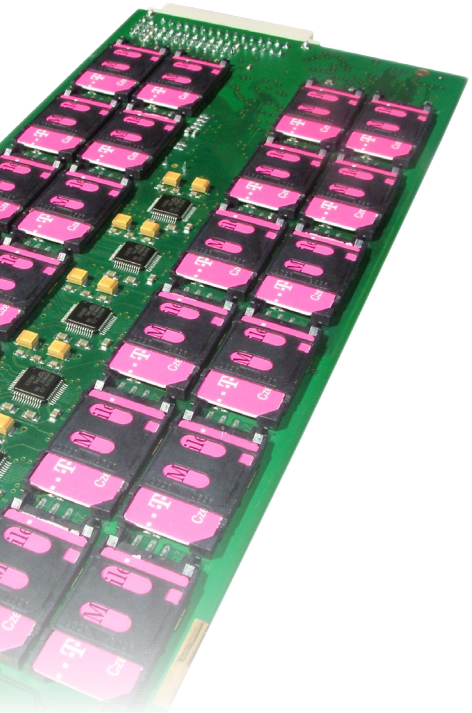
2N® SIM Star

SIM cards management for call termination

Manage an entire system from your office and increase your profits!

2N® SIM Star is a solution which gives you complete control over your SIM cards. It allows you to store your SIM cards in one place and then virtually transfer them via TCP/IP to the GSM gateways of your choice. This solution can save you time and significantly cut your administration costs – as there is no need to visit site and it can also prevent SIM card abuse.
You can manage the entire system from your office!



Key benefits

- High system stability
- Web interface user control
- Hot SIM Star Server back-up
- Alert e-mails

Main features

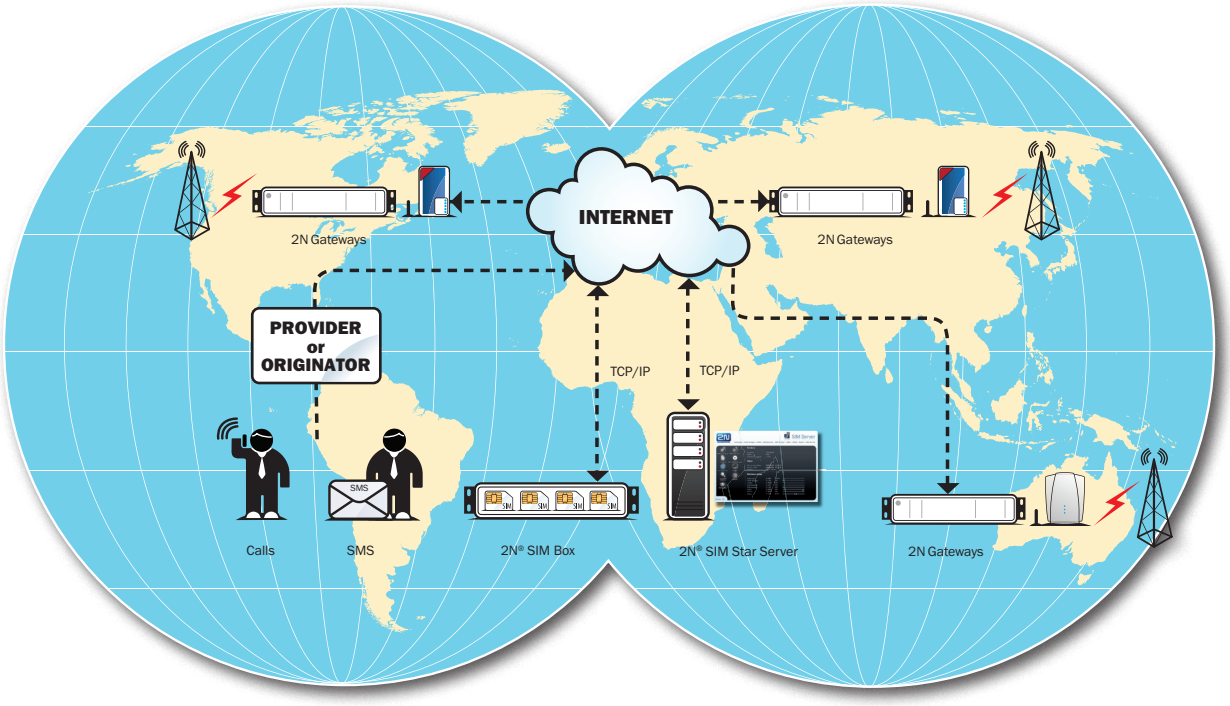
- Up to 25 000 SIM cards
- Automatic IMEI changing
- Virtual rotation of SIM cards
- Advanced control of SIM cards
- Automatic credit monitoring and recharging
- Advanced Simulation of Human behaviour
- Automatic credit checking, recharging

Who can use it?

- Any company and providers of call termination services

If you are interested in our product please call +420 261 301 500 or email us at sales@2n.cz.
Visit **www.2n.cz** for more information.

General Interconnection:



Typical installation:

- 2N® SIM Star server – used for full system management
- SIM box with SIM boards – storage of SIM cards
- The following 2N Gateways are compatible:

2N® StarGate	– PRI/VoIP, 2-32 GSM /UMTS channels
2N® BlueTower	– PRI/VoIP, 2-8 GSM /UMTS channels
2N® VoiceBlue Lite	– VoIP, 4 GSM channels
2N® VoiceBlue Next	– VoIP, 2 GSM /UMTS channels *

Technical parameters:

(Necessary bandwidth 8kb/s per SIM)

Supported gateways parameters

VoIP/ISDN	VoIP-SIP / PRI ISDN-DSS1
DTMF sending	RFC2833
No. of voice channels	up to 30+2
VoIP codecs	G.711, G.723 and G.729

GSM/UMTS interface

Number of channels	2-32 (step by 2)
Wireless networks	UMTS 850/900/1900/2100MHz
	GSM 580/900/1800/2100MHz
Wireless engines types	Cinterion
	Wavecom
	Sierra Wireless
	Telit

SIM Server - Main control part of system SIM Star

Hardware	PC based on Intel(r) CPU (2x in case of hot back-up configuration)
Operation system	Linux Fedora Core (self installation CD from 2N)
Configuration ways	SSH, HTTP, API

SIM Box - Carrier unit for SIM Boards

Capacity	1 – 18 SIM Boards (576 SIM cards)
Dimensions	482x133x360mm (84HPx3Ux360mm)
Interface	2x LAN 10BaseT, RJ45
Power supply	100-240V / 50-60 Hz
Power input	Max 230 VA

SIM Board - Carrier board for SIM cards

Capacity	32 SIM holders
Interface	RS232, basic configuration
	LAN 10BaseT, interface for SIM Box

Others

Recommended	To be kept in air conditioned room
	Line interactive UPS

*4.Q 2010

Contact us now for more information!

2N TELEKOMUNIKACE a.s.
Modřanská 621, 143 01 Prague 4, Czech Republic, Tel.: +420 261 301 500, E-mail: sales@2n.cz, **www.2n.cz**