2N® StarGate

Save your money the smart way!

- **Up to 32 GSM/3G channels (hot swapable)**
- **Up to 256 SIM cards**
- **VoIP and PRI interface in one box**
- **Efficient routing for incoming and outgoing calls**
- **Web configuration ***
- **SMS sending from email client ***
- **External routing machine (ERM)**

* Gateway with enhanced CPU

2N® StarGate is an ideal complementary product to any PBX system equipped with PRI ISDN or VoIP interface. It allows users to call to a GSM/3G network and vice versa using the cheapest option. Target users are medium and large companies with a high proportion of calls to GSM/3G networks, traffic terminating companies or companies with international affiliates.
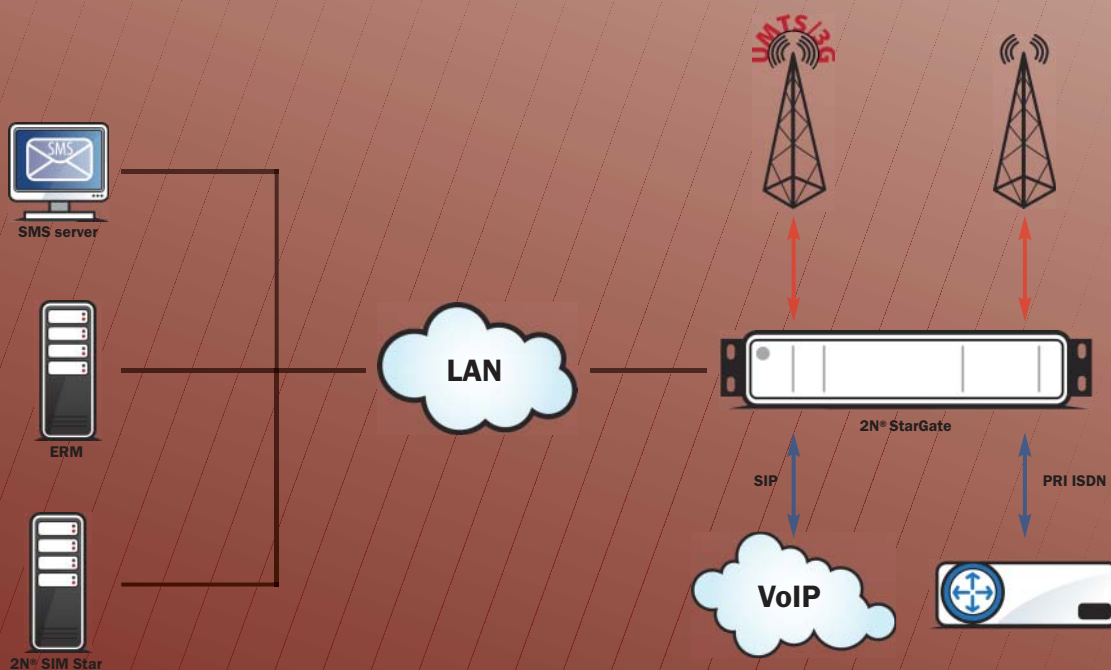
2N® StarGate Case Study:

LCR – Least Cost Router (internal or external*) chooses the best option for an outgoing or incoming call.

- According to user interface
- According to free minutes on the SIM card
- According to time and day
- According to calling* and called number

Using External Routing Machine (ERM)

SMS server

ERM

2N® SIM Star

LAN

UMTS/3G

2N® StarGate

SIP

VoIP

PRI ISDN

Technical Parameters:

POWER SOURCE			
Power supply	100 – 240 / V 50 – 60 Hz or 36 – 70 V DC	Codecs	G.711 PCM at 64 kbps G.729, G.723
Power input	Max. 230 VA	PCM Companding	A - law / u - law (selectable)
PRI ISDN		**WIRELESS**	
Number of ports	1x NT and 1x TE	Channels	From 2 to 32 (step 2)
PRI ISDN details	Signalling EDSS1 (Q.931)	Network bands	UMTS 850 / 1900 / 2100 MHz GSM 850 / 900 / 1800 / 1900
VoIP		Engine	Siemens, Wavecom, Sierra Wireless
Voice signalling	SIP	USIM / SIM card	Small plug-in, 3V
Number of voice channels	30	Antenna connector	SMA (female) Impedance 50 Ω

2N TELECOMMUNICATIONS