

2N VoiceBlue Enterprise

The Smartest Way from IP to GSM Networks



- ★ SIP protocol support
- ★ Up to 4 GSM channels
- ★ Standard SIP client embedded
- ★ LCR (Least Cost Routing) according to free minutes and GSM providers
- ★ SIP proxy - REGISTRAR for IP phones included
- ★ Intelligent incoming call routing
- ★ DISA with voice navigation, user defined voice message for incoming calls
- ★ Easy way from Ethernet to Internet over GPRS with "dial on demand" function
- ★ SMS sending and receiving (WEB interface)
- ★ Simple web based configuration
- ★ CDR buffer for up to 500,000 records
- ★ LOG and statistics saving

2N VoiceBlue Enterprise is a VoIP-to-GSM Gateway supporting SIP protocol.

It is a complementary product to any SIP based IP PBX and can also be used as a substitute to any SIP based IP PBX as the SIP proxy server can be included. Target users are small, medium and large companies using IP telephony, companies with international affiliates or traffic terminating corporates.

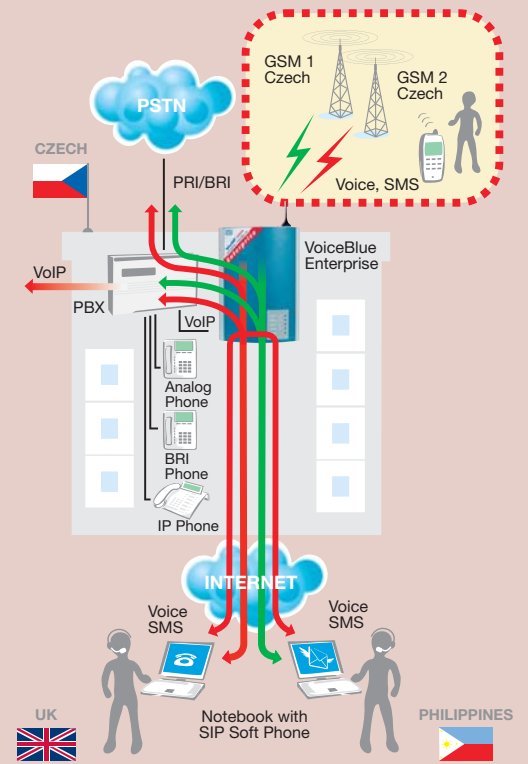
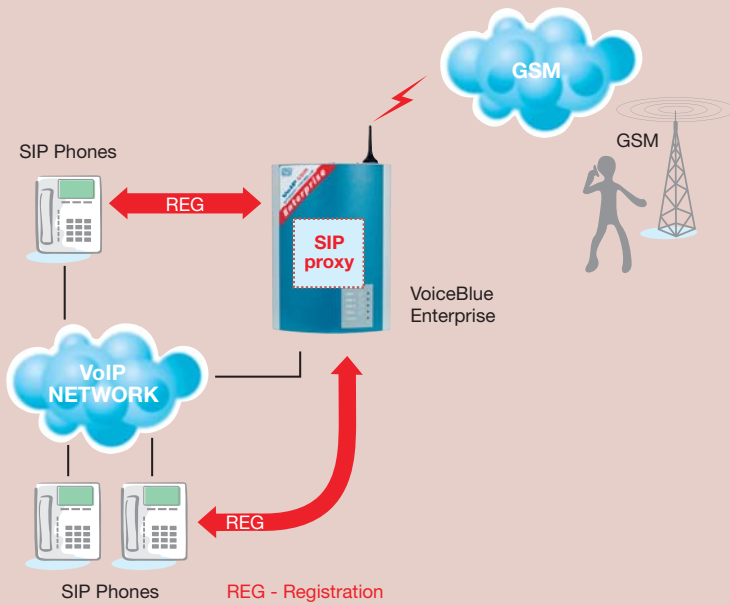
2N VoiceBlue Enterprise is capable of data transfer (GPRS technology is implemented) and therefore can serve as a gateway from your LAN to the Internet. A firewall is embedded to provide maximum security.

All these features can be active and physically used at the same time. The whole system can be supplied as a "puzzle", which means that the customer chooses only the features he wants to have in the gateway.

With the web based SMS Server you can gain the advantage of a full review of your messages, whether they were delivered and exactly when.



Case studies



Technical Parameters

VoIP	
Voice signalling	SIP
Number of voice channels	2, 4
Codecs	G.711 PCM at 64 kbps G.729/Annex A CS-ACELP at 8 kbps
Echo Cancellation	G.168-2000; max. echo length 25 ms (15 ms for G.729A)
VAD/CNG	G.729B for G.729A coders
Silence Suppression	G.723.1A for G.723.1 coders
PCM Companding	A-law/u-law (selectable)
Protocols	
	TCP, UDP, IP, RTP, SIP, HTTP
Interfaces	
Type/connector	LAN 10/100 Base-T, RJ45 RS232 – AT interface, D-SUB9
GSM	
GSM engines	Up to 4 Siemens MC39i, MC55

Antenna	One external antenna SMA connector four channels antenna splitter integrated
Administration	
Methods	WEB interface, Terminal menu
Interface	LAN, COM port
Power supply	
Type	External power adapter 230 V–50/60 Hz to 12 V DC 1,2 A
Power dissipation	Max. 15 W
Operating Environment	
Operating temperature	0–40 °C
Operating humidity	10–95 % (non condensing)
Dimensions	
LxBxH	260x150x50 mm
Certification	
CE	EN 60 950:2000, EN 55 024, EN 55 022 Class B



2N TELEKOMUNIKACE a.s., Modřanská 621, 143 01 Praha 4, Czech Republic

Tel.: +420 261 301 500, Fax: +420 261 301 599

E-mail: sales@2n.cz, Web: www.2n.cz