2N VoiceBlue Enterprise

The Smartest Way from IP to GSM Networks

- ★ **SIP and H.323 protocols support**
- ★ **SMS over SMTP/POP3**
- ★ **Mobility Extension**
- ★ Up to 4 GSM channels
- ★ Standard SIP and H.323 clients embedded
- ★ LCR (Least Cost Router) according to free minutes and GSM providers
- ★ SIP proxy - REGISTRAR for IP phones included
- ★ Easy way from Ethernet to Internet over GPRS
- ★ Simple web based configuration
- ★ CDR buffer for up to 500,000 records
- ★ LOG and statistics saving
- ★ Voice mail
- ★ IVR

2N VoiceBlue Enterprise is a VoIP-to-GSM Gateway supporting SIP and H.323 protocols.
It is a complementary product to any SIP and H.323 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.
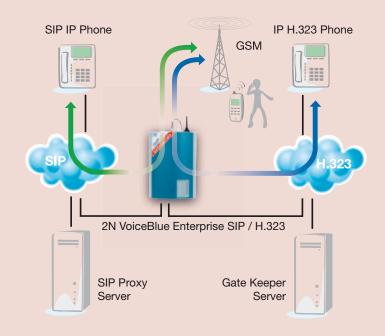
All these features can be active and physically used at the same time. The whole system can be supplied as a "puzzle", which means that the customer chooses only the features he wants to have in the gateway.
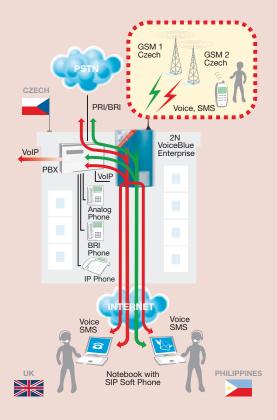
With the web based 2N SMS Server you can gain the advantage of a full review of your messages, whether they were delivered and exactly when. With SMS sending/receiving via SMTP/POP3 protocol you can integrate SMS communication to monitoring and security systems.

2 years warranty

technical support FREE of charge

Case studies

Technical Parameters

VoIP	
Voice signalling	SIP, H.323
Number of voice channels	2, 4
Codecs	G.711 PCM at 64 kbps
	G.729/Annex A CS-ACELP at 8 kbps
	G.723 at 6 kbps (optional)
Echo Cancellation	G.168-2000; max. echo length 25 ms (15 ms for G.729A)
PCM Companding	A-law/u-law (selectable)
Protocols	
	TCP, UDP, IP, RTP, SMTP, POP3
	SIP, HTTP, H.323, Telnet, HTTPS
Interfaces	
Type/connector	LAN 10/100 Base-T, RJ45
	RS232, D-SUB9
GSM	
GSM engines	Up to 4 Siemens MC39i, MC55, MC56

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 100-240V 50/60Hz to 12V DC 2,5 A
Power consumption	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