



## **TOPEX MobiLink IP**

GSM/UMTS gateway with VoIP interfaces

Interconnection with IP-PBXs based on SIP and H323

Cost reduction and savings through LCR

Advanced call-routing engine



TOPEX MobiLink IP is a GSM/UMTS small capacity gateway with VoIP interfaces. Its main functionality is to interconnect IP PBX or hybrid PBX with mobile networks. With TOPEX MobiLink IP you make significant savings on calls from IP to cellular networks and backwards.

### **Benefits**

- 1 or 2 cellular modules
- Supports up to 2 cellular operators
- No need to add any other gateway
- Simple integration with VoIP
- Least Cost Routing - ideal solution for cost reduction
- Fast return of investment
- User friendly web based interface

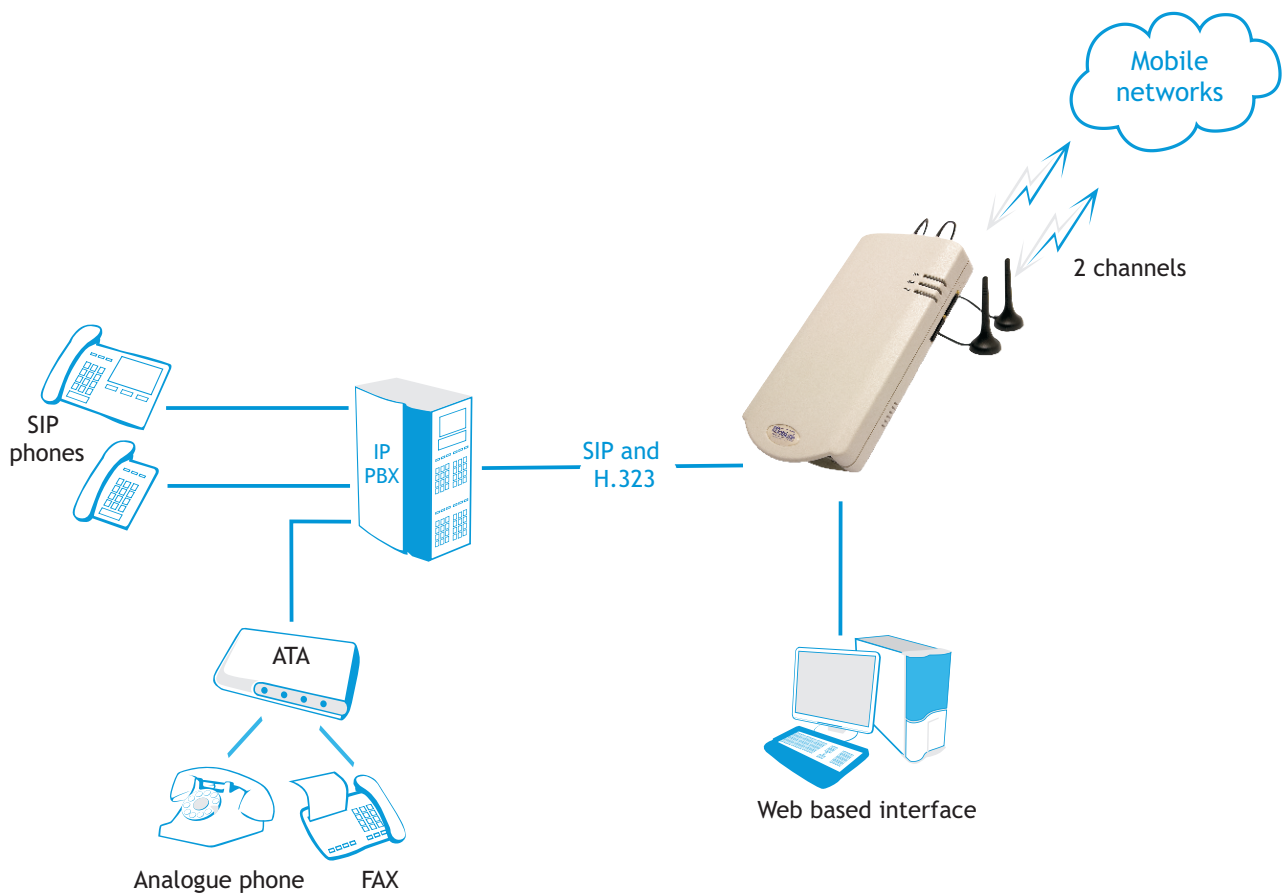
## Features

- Available in multiple configurations:
  - 1 channel VoIP to GSM/UMTS gateway
  - 2 channel VoIP to GSM/UMTS gateway
- Least Cost Routing by: prefix, time and date, portability info or Caller-ID
- Works with any IP-PBX or Softswitch based on SIP or H323 protocols (e.g. Topex multiSwitch, Topex IP-PBX, Asterisk™, Cisco Call-Manager™, etc), hybrid PBX with VoIP trunks
- NAT Traversal capabilities
- DISA capability
- Advanced Incoming and outgoing call routing
- Advanced security with integrated firewall
- SIP and H323 protocols supported
- Advanced SMS capabilities
- Send SMS from Web, SMS2Group
- SMS to E-mail and E-mail to SMS
- Advanced Callback functions - by ring or SMS
- SNMP integration - allows for remote configuration via SNMP protocol
- Billing: persistent, easy to access
- Easy to use web based interface
- Live traffic monitoring, Statistics: ASR, ACD
- Can be configured via SSH
- Full control (root access): troubleshoot, update software, customize/extend system
- Mobility extension

## ➔ *Applicability:*

- Gateway between cellular networks and IP PBX
- Perfect solution for interconnecting IP telephony with cellular networks
- Enterprise IP telephony convergence solution
- Mobile operators offering their services to Business Customers with IP telephony infrastructure
- Telesales centers calling cellular networks

## ➔ *Applications:*



## *Technical Specifications*

Product Name:	TOPEX MobiLink IP
Ethernet Capacity :	1 Ethernet 10/100 Base-T ports
Mobile interface:	GSM: 1 or 2 modules (quad band: 850/900/1800/1900 MHz ) UMTS/HSDPA: 1 or 2 modules (850/ 1900/2100 MHz)
VoIP protocols supported:	SIP v.1,v.2, H323 v.2, v.4 RTP, RTCP, TLS
Voice codecs used:	G.711, G.711 Annex I (Packet Loss Concealment)G.711 Annex II (VAD + CNG), G.723.1, G.726, G.729 A, B, G.729 E
Mobile networks codecs used:	All GSM or UMTS codecs used by mobile networks
Antenna for mobile networks:	Magnetic antenna (GSM or UMTS) with 3m length cable
Power supply:	Adapter 230 V ac, 50hz 0.3A to 10V ac @ 1.5A
Dimensions (L x W x H):	220 x 115 x 30 mm
Weight	400 g
Temperature range:	Operating: 5 to 50 degrees C Storage: 0 to 60 degrees C
Humidity:	10 to 85 % , non-condensing