VoIP²ALL Gateway
8 Channel

EuroTech COMMUNICATION

Increased Efficiency. Saves You Money.

VoIP²ALL™ is an innovative line that integrates Cellular (GSM UMTS CDMA) Networks with both Internet (VoIP) communication and PSTN Networks. The Device may be used with an analog or IP PBX - in each case it increases the capabilities connection in a cost efficient manner. The user benefits lower day-to-day telecom bills by routing the call via the least expensive route - VoIP, Cellular or PSTN Network.

This innovative VoIP²ALL™ product line is modular, flexible and compatible to the current and future communication needs of small to large-scale business.

It simply enables telephone communication at lower cost - inside and out of the organization. The design features AudioCodes renowned, high quality VoIP chip.

A corporate solution above 100 persons. Direct LAN link to IP-PBX or to TC/IP Compatible to all cellular GSM/CDMA UMTS. Intermix flexibility, each 2 channels can be any type of cellular i.e. 4 GSM, 2 CDMA, 2 UMTS. Optional 64 sim cards, giving a max of 8 sim/ channel + 8 local sim. A small box with dimensions 290X 190X 40 mm. USB com port for computer configuration.

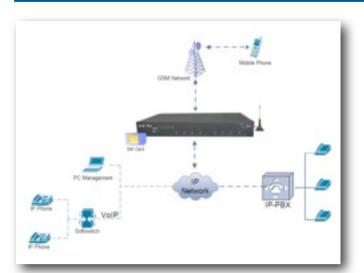Cost saving- up to 50% of regular bills Cost wise, for a high standard unit

How You Save On Your Telecom Bill

- VoIP²ALL™ reduces costs by choosing to route the telephone call via the least expensive network to any VoIP / Cellular / PSTN Network by means of call forwarding / call back / follow me features.

- IP connection: Your IP Gateway will enable cellular calls your own network.

- Call Back option: Allow employees abroad to call through your organizations network at your *known local low cost*.

- The VoIP function offers considerable cost reduction of the overall call cost

- All VoIP units can be used either as stand-alone gateways or integrated with a SIM Server system. Thus offering a perfect solution for both SMB and Corporate users

- Optional SMS Server solution for bulk SMS, suitable for all VoIP units.

- Compatible with most IP PBX units

Call Management Features	

Call Routing	Block all incoming calls on a port (GSM)
	All incoming calls receive a dial tone, then the user may dial the destination number using DTMF, the calls are routed according to user defined prefix groups.
	Incoming calls are routed to destination number automatically, options:
	  1. Fixed destination number for each incoming port.
	  2. Destination number according to user-defined list, selection cyclic.
	  3. Destination number according to user-defined list, selection according to priority.
	  4. Source routing-transfer of call accordingly to original source IP or number

Routing Groups	The user can define multi-prefix options for each port. The user can dedicate a ports utilizing the same prefix - the system will route the call according to free port selection. The user can define default port/s that will be used if no other port prefix is defined.
Internal Users Database	Each user has capabilities definitions that define the unit handling of his calls.
CDR	100 CDR's to export to external file- Access, XML, CMV.
DISA	Holds list of extensions (VOIP) for automatic direct routing of incoming call – optional.
Call Back	Available - Option
Tone Definitions	Home feeling, the user can choose its own country call progress tones definitions.
SIP Client	Support of register and route calls to other SIP servers (can connect up to 10 V2G together, asterisk, other SIP providers).
SMS	Send & Receive SMS using e-mail. ,SMS Server (optional)
Profiles	Easy setting of parameters for a group of SIMs

Sim Balance	Manual or automatic check by options
	  1. Call minutes
	  2. Number of calls
	  3. After first Call

CONT'D

EUROTECH COMMUNICATION LTD
sales1@eurotech-communication.com
www.eurotech-communication.com

VoIP ⱽALL Gateway

GSM UMTS CDMA

EuroTech
COMMUNICATION

TARGET USERS
- Corporate - SMB, & SOHO using IP
- Integrators - VARs for PBX upgrading to VoIP or GSM
- Telecom Equipment Distributors
- Telecommunication Service Firms
- Companies with International branches

More Call Management Features	
Sim Recharge	Manual or automatic check by options 1. Minimum balance or below 2. Call minutes 3. Number of calls 4. After first call
Blocked Sim	When sim calls are unsuccessful, the sim card is blocked for convenience

Human Behavior	
Sim swapping	By time or call duration
Test Call	Auto schedule for random incoming test calls by options 1. Length of call 2. Frequency 3. Randomly
Test SMS	Auto schedule for random incoming test SMS by options 1. Length of call 2. Frequency 3. Randomly
BCCH	Random Rotation between base stations

VoIP Parameters		GSM Parameters	
Voice channels	8 Simultaneous	GSM channels	8 Channels
Codecs	G.711 PCMA/U , G.729A , G.723 , G.726 , G.727	Network types	850 / 900 / 1800 / 1900 MHz (quad-band)
Signaling	SIP – RFC 3261	GSM engine	Wavecom (P5186), SIMCom
Echo cancellation	G.168-2002	Transmitter power	+33dBm(2W) 850/900MHz,+30dBm(1W) 1800/1900MHz
SIP account	Management with Authentication	SIM card	1 SIM per channel, Small plug-in, 3V
SIP Server	Up to 32 SIP clients	Antenna connector	SMA (female), Impedance 50Ω
Interfaces		**UMTS Parameters**	
Internal SIM Server	Up to 64 Additional SIMs (Optional)	UMTS channels	8 Channels
USB	Com port	Network types	UMTS 2100MHz, GSM 850 / 900 / 1800 / 1900
LAN	RJ-45	UMTS engine	SIMCom
Administration		USIM	1 USIM per channel, Small plug-in, 3V
User Management program via LAN interface		Antenna connector	SMA (female), Impedance 50Ω
Includes version update capabilities for firmware or management Software		**CDMA Parameters**	
Other		CDMA channels	8 Channels
Dimensions	Metric: 290 x 190 x 40 mm	Network types	800/1900 MHz
Weight	1.5 kg (3.30 lbs.)	CDMA engine	Wavecom
Main Power		R-UIM Card / ESN	1 R-UIM per channel, Small Plug in, 3V
Power Supply	100 - 240V AC, 50 - 60MHz	Antenna Connector	SMA (female), Impedance 50Ω
Power Input	Max - 230VA		

THE EUROTECH ADVANTAGE Eurotech offers the highest degree of responsibility to its customers and its products. We are here to help you solve your problems. Eurotech in-sources the entire product cycle: from design to manufacturing ensuring quality. We offer world renowned VIP service - and are available for any additional inquires, explanations and questions you may encounter along the way. Don't hesitate to contact us - Eurotech is here for you.