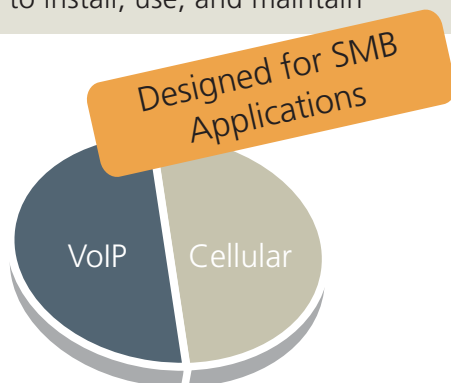**ITS** Telecom

Convergence

# CGW-VIP

## Leading the Next Generation of VoIP to GSM Gateways

- VoIP & cellular convergence

- 2 cellular channels

- Drastic reduction in roaming charges

- Virtual voice private network for remote offices

- Solution for last mile and redundancy

- Superb audio quality

- Easy to install, use, and maintain

Designed for SMB Applications

VoIP   Cellular

The CGW-VIP is a unique first-of-its-kind cellular gateway, based on pure-IP technology. The CGW-VIP provides a resilient platform specifically designed to handle both voice and managed data traffic, with the ability to ensure priority and quality of service for voice calls. The CGW-VIP has a friendly user interface for easy management and operation using common web browsers, enabling both local and remote management access.

The ultra-high performance CGW-VIP connects to the office IP network, efficiently routing all calls from the IP network to the cellular network and vice versa. This capability drastically reduces communication costs by enabling the use of inexpensive VoIP calls and letting companies take full advantage of their VPN arrangement on the cellular network. The CGW-VIP is especially cost-effective for companies with extensive use of cellular and long distance calls.

Aside from providing significant cost savings, offices can connect branches, remote offices, or teleworkers and establish an efficient and free-of-charge virtual voice private network. Customers can easily add redundancy and resiliency for their key services in case of traditional network outage. CGW-VIP can also serve as a last mile solution, providing rural telephony in places where no terrestrial infrastructure is available.
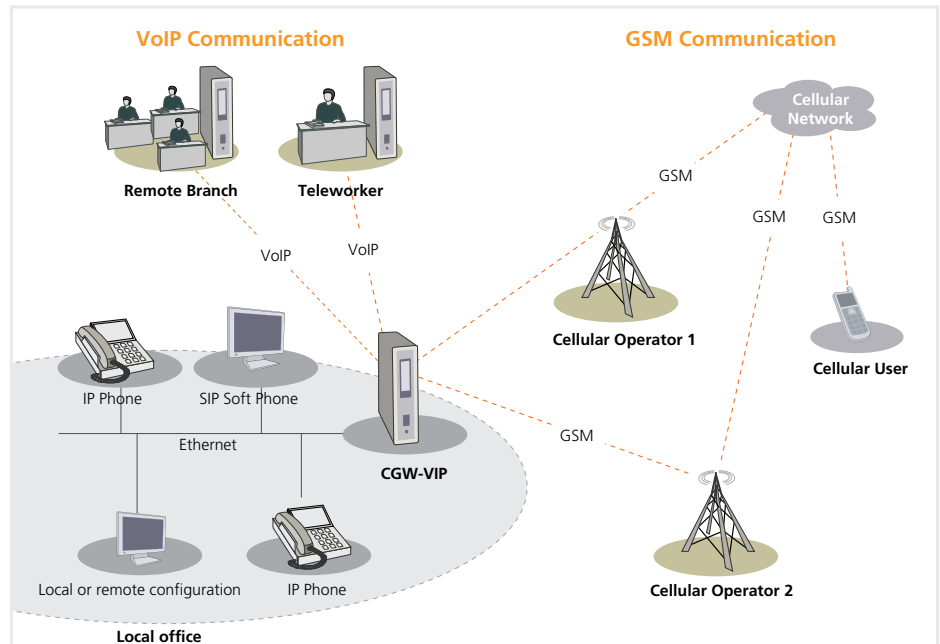
# VoIP / Cellular

## CGW-VIP

VoIP Cellular Gateway

## Main Features

- Supports VoIP, SIP, and GSM connections
- Interoperates with all standard IP-PBX/soft switch equipment
- Embedded web server
- Local and remote management via user-friendly web interface
- Local and remote upgrades of configuration files and firmware
- Supports registration of SIP extensions
- Enables creation of a virtual office with remote extensions
- Built-in firewall and NAT
- Built-in Least-Cost-Routing (LCR)
- CLIP/CLIR



Cost-effective connectivity through the ITS Telecom VoIP Cellular Gateway

## Perfect for

- Offices with extensive use of cellular calls
- Remote or in-field users (Voice VPN)
- Long distance or international calls
- Remote branches
- Business continuity, back up of PSTN and landline VoIP

## Technical Specifications

### Interfaces

LAN / WAN 10/100 Base-T, RJ-45

### VoIP

Voice signaling: SIP

Local SIP server/register

Codecs: G.711 PCM (µ/A-Law), G.729*

Echo canceler: G.168-2002

### Cellular

GSM module: integrated quad band 850/900/1800/1900 MHz

GSM module: 2

Antenna: 2 external 2,5 dB 50 Ω impedance, 2m cable length, SMA

Antenna interface: SMA connector

### Administration

SIM installation: standard SIM card holder

GUI: web-browser based interface

Remote access interfaces: LAN

MMI: LCD, LEDs

### Hardware

Dimensions: (H*W*D): 214*129*46 mm / 8.4*5*1.8"

Weight (unit only): 0.8 kg / 2.64 lbs

Weight (packing): 1.4 kg / 3.1 lbs

Operating temperature: 0°C – 40°C / 32°F – 104°F

Humidity: 5% – 95%

Power supply: 9 VDC 2.6A

## ITS Telecom

*Future option

I82001418 Ver.2