

HG-4000/6U – VoIP-GSM Gateway

Heavy-duty, multi-channel, cost-efficient gateway connects your VoIP and GSM networks



HG-4000/6U VoIP-GSM Gateway

- **Multi-SIM — 4 SIM cards per channel**
- **Remote SIM card re-charging**
- **Carrier-grade gateway, perfect for large enterprises, organizations and alternative providers**
- **Scalable: from 8 to 72 cellular channels**
- **Remote, web-based management**
- **Supports optional ISDN-PRI interface**
- **Supports optional Hypersavings suite**
- **Supports an optional built-in LAN/WAN router with NAT-enabled firewall**
- **Supports SIP and H.323**
- **Single point-of-contact for service**

Reduce Interoffice Communication Costs

Improve the quality of service with a robust and reliable centralized in-house system. Hypermedia's HG-4000 6U gateway provides superior voice technology for connecting IP-based telephone systems to GSM or CDMA networks and makes VoIP GSM calls easy and comfortable. An ISDN-PRI interface is also available.

Supply Mobility Extension

Introduce new cost-saving techniques and reduce telephony call costs. For example, eliminate the expense of international calls placed from mobile phones. The HG-4000 6U reduces interconnection charges between fixed and mobile calls and capitalizes on mobile-to-mobile rates.

Seamless Integration and Easy Growth

Given the system's flexibility, modularity and scalability, the VoIP GSM Gateway can easily be expanded to meet growing call traffic requirements. You will not need to replace equipment or learn new dialing rules. Instead, you simply add to, or reconfigure, the existing equipment.

Create New Business Opportunities

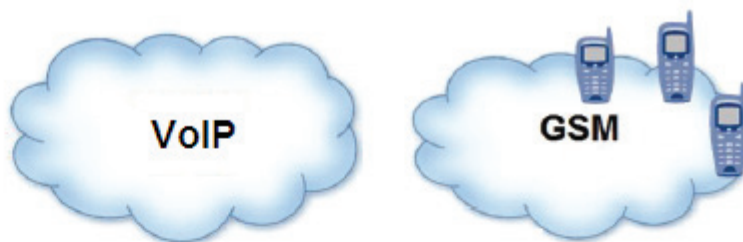
Start a new telecom business with minimum investment. Hypermedia's HG-4000 6U gateways are the ideal solution for anyone looking to create new business opportunities.

Expand Your Audience of Target Users

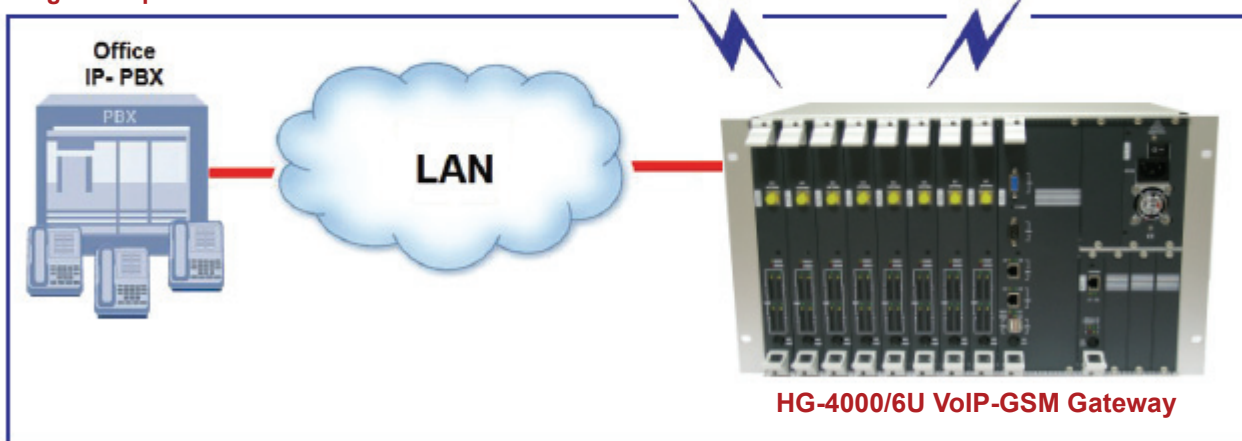
HG-4000 6U VoIP GSM Gateways are optimized for high volumes of call traffic. They are suitable for:

- Large enterprises and organizations
- Alternative carrier and service providers
- Call traffic terminators
- Telecom equipment distributors and resellers
- System and call-center integrators

The HG-4000/6U connects the mobile network and the VoIP network enables you to save on expensive mobile to mobile calls.



Large Enterprises and Terminator Premises



Hypermedia HG-4000 6U System Specifications

Interfaces & Protocols

ISDN and VoIP interfaces are optional add-ons.
 PRI: DSS1 (Q.931, national variants), E1/T1, TE/NT, CRC4/double frame – optional
 BRI: Euro-ISDN
 GSM: Wavecom Q24xx / Q26xx
 CDMA: Wavecom Q24xx / Q26xx
 UMTS: Wavecom Q26xx optional
 One antenna per four channels
 IP/Ethernet: 10/100 Base-T, RJ-45

Voice over IP

Voice compression: G.723, G.729, G.711
 Echo cancellation: G.168
 Signaling: H323 or SIP
 QoS: RSVP, DiffServ

Management & Control

Web-based management

Antenna

Omni-directional: 3dB, indoor antenna with a 3m cable

General

Dimensions: 482 x 266 x 280 mm (84HP x 6U x 280 mm)
 Weight: Minimum 7kg (based on the system configuration)
 Housing: 19" rack-mountable
 Power: Max 230VA, 100-240VAC
 Certification: CE
 Environmental temp.: +5°C to +45°C
 Humidity: 5% to 95% (non-condensing)

Note: technical data is subject to change without prior notice.

About Hypermedia Systems Ltd.

Hypermedia Systems Ltd. develops and markets next-generation telecommunication products. Optimized for medium-to-large enterprises, our products create ways to upgrade current telecommunication systems while leveraging the existing telecom investment. Hypermedia's innovative products empower flexible, scalable and cost-effective telephony over wireline, wireless and IP/Ethernet networks. Our GSM Gateways offer a fast and simple, cost-effective way to connect PBX/PABX systems directly to the GSM cellular networks via any type of existing ISDN BRI, E1/T1 PRI, T0/S0, T2/S2 ISDN, RDSI, or VoIP interfaces. Hypermedia's management team has proven experience establishing and leading telecom companies. The development team has specialized expertise in software and hardware development as well as system design for wireline, cellular and VoIP systems.