✓ GSM | CDMA | BRI | ✓ PRI | SMS | 3G-UMTS | VoIP

HG-3000/6U — PRI-GSM Gateway

Powerful, Multi-channel GSM Solution for Large Enterprises and Service Providers

HG-3000/6U VoIP-GSM Gateway

- Compatible with all ISDN PBXs
- Fast and easy installation: Add-on Box
- Scalable: from 24 to 60 simultaneous calls
- Advanced Least Cost Routing
- Customer Premises Equipment (CPE)
- Fast Return on Investment (ROI)
- Supports Callback and DISA for Remote Workers
- Easy, browser-based configuration and management
- Supports an optional VoIP interface

Maximize the VPN's Low GSM Rates

Introduce new cost-saving equipment and reduce telephony costs. The HG-3000/6U provides an alternative, low-cost channel for routing all PBX fixed-to-mobile and mobile-to-fixed calls directly via the cellular networks. You reduce telephony costs by eliminating interconnection charges between fixed to mobile calls and by maximizing the VPN's low mobile-to-mobile business call rates.

Increase Savings with Advanced LCR

Least Cost Routing maximizes available resources according to the specific needs of the enterprise. The HG-3000/6U LCR functionality and routing groups smartly route calls based on rules created by the administrator. This results in per-call routing. In contrast, without LCR, all call routes are fixed.

Seamless Integration and Easy Growth

Connect the HG-3000/6U directly to the current infrastructure—***as is***. The HG-3000/6U connects directly to the E1/T1 ISDN PRI interface of the PBX, enabling the PBX to connect directly to the cellular networks. You benefit from low cost implementation and then enjoy cost-effective routing of incoming and outgoing cellular calls.

Create New Business Opportunities

Start a new telecom business with minimum investment. Hypermedia's HG-3000/6U gateways are the ideal solution for anyone looking to create new business opportunities.

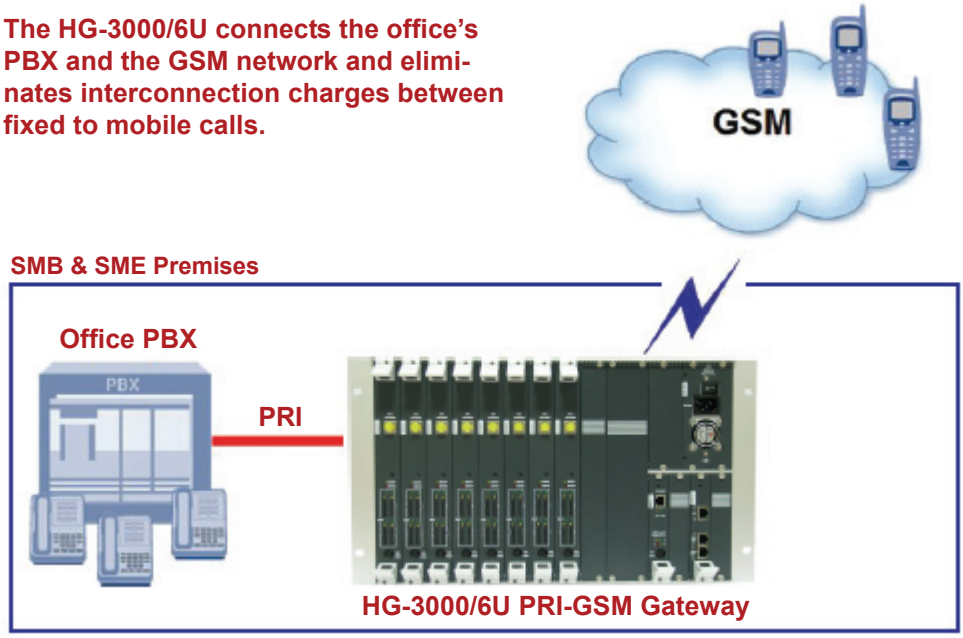
Expand Your Audience of Target Users

HG-3000/6U 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

HG-3000/6U
PRI-GSM Gateway

The HG-3000/6U connects the office's PBX and the GSM network and eliminates interconnection charges between fixed to mobile calls.



Hypermedia HG-3000/6U 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.