

# HG-2000/3U — Quad BRI Gateway

**Connect to the GSM mobile network and maintain your BRI connection to the PSTN**



**HG-2000/3U Quad-BRI Gateway**

- **Quad BRI Connectivity**
- **Mobile GSM Solution for IP-PBX**
- **Fast and Easy Installation: Add-on Box**
- **Scalable: from 4 to 8 GSM channels**
- **Advanced Least Cost Routing**
- **Customer Premises Equipment (CPE)**
- **Fast Return on Investment (ROI)**
- **Supports Callback and DISA for Remote Workers**
- **Easy, centralized browser-based configuration and management**
- **Supports an optional VoIP interface**

## **Reduce Telephony Expenses**

Introduce new cost-saving equipment and reduce telephony costs. For example, eliminate the expense of international calls placed from mobile phones. The HG-2000/3U eliminates local and international interconnection charges between fixed and mobile calls and capitalizes on mobile-to-mobile rates.

## **Increase Savings with Advanced LCR**

Least Cost Routing maximizes available resources according to the specific needs of the enterprise. The HG-2000/3U 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.

## **Leverage Existing Telecom Investment**

Connect the HG-2000/3U directly to the current telephony infrastructure—**as is**. SMBs and SMEs benefit from low cost implementation and then enjoy cost-effective routing of incoming and outgoing cellular and land-line calls.

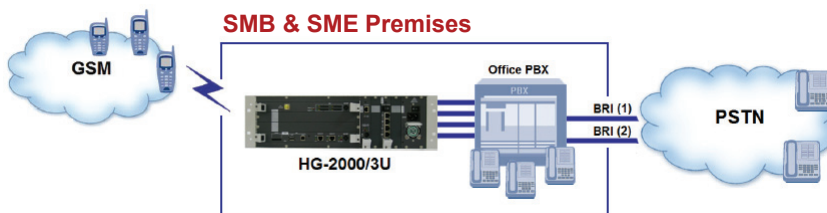
## **Business Class Quality and Reliability**

High quality of service assures satisfied callers. Reliable and robust, the Hypermedia's HG-2000/3U gateway makes PSTN GSM calls easy and comfortable. The digital interface offers fast call connection, superior voice quality and continuous line availability.

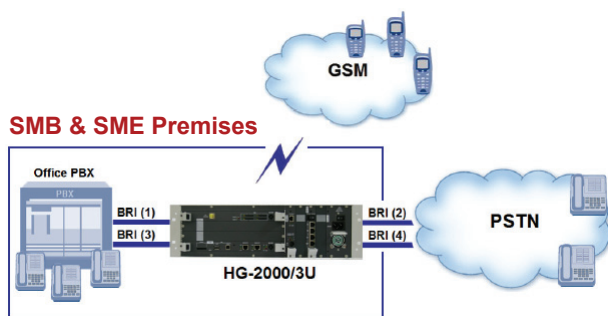
## **Grow With Ease**

Given the system's flexibility, modularity and scalability, the Quad BRI – 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.

In this configuration, the HG-2000 expands the functionality of the PBX by enabling cost-saving Fixed to Mobile calls.



SMB & SME Premises



In this configuration, the HG-2000 both expands the functionality of the PBX by enabling cost-saving Fixed to Mobile calls and expands the functionality of the BRI connection to the PSTN by enabling direct PSTN > GSM > PSTN phone calls via the cost-saving features of the gateway.

### Hypermedia HG-2000/3U 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.