

# VoIP Enabler Gateways

## HG-4000 series



- All in one telephony platform
- PBX's connectivity for VoIP, Cellular and Fixed networks
- Fast return on investment (ROI)
- Optimal solution from medium to large enterprises

### Overview

The HyperGateway family of scalable platforms empowers flexible and cost-effective telephony over wireline, cellular and IP networks. Optimized for medium-to-large enterprises and alternative service providers, HyperGateway systems provide integrated voice communications for both onsite and remote users

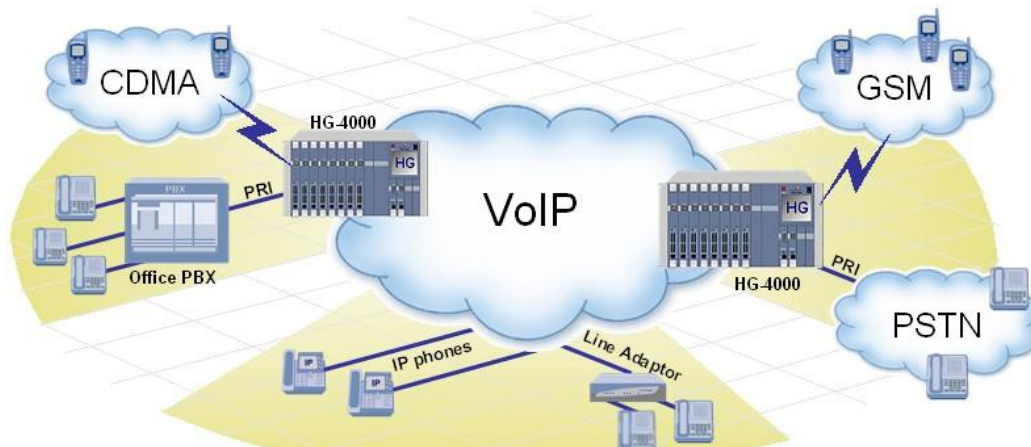
### HG-4000 series

The HG-4000 series Series of VoIP Enabler Gateways provides superior voice technology for connecting legacy PBX systems with VoIP networks, and new IP-based systems with both GSM and CDMA networks. The HG-4000 Series enables inbound and outbound for both GSM, CDMA and PSTN calls and optional support of VoIP calls – all in one compact box. Given the systems' flexibility, modularity and scalability, the gateways can be pre-configured to meet precise customer requirements. Companies can easily expand the cost-effective systems to meet their evolving telephony needs over time.



The HG-4000 Series supports the HyperSaving Package – a corporate communications add-on that minimizes expenses of local, national and international calls. HyperSaving Package includes any combination of Corporate Callback, Corporate Callorder and Corporate Callthrough services that improve the organization's bottom line.

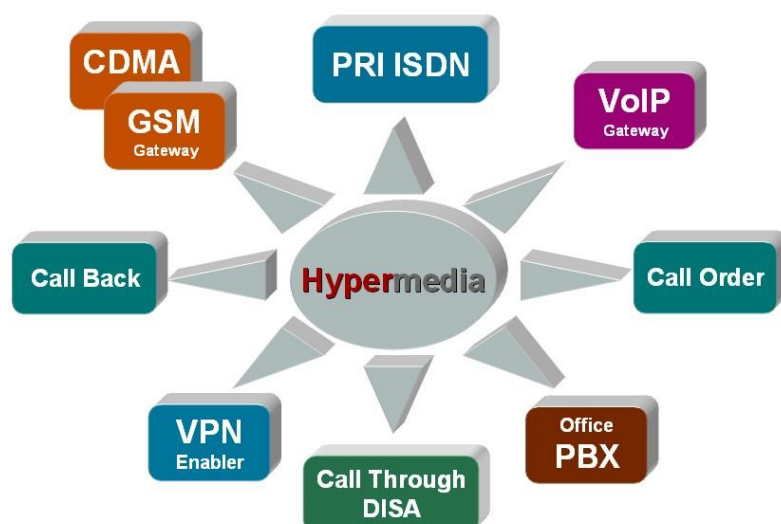
Features	Benefits
<b>PBX VoIP enablers</b>	<b>Connecting legacy PBX and new IP-based systems.</b>
<b>VoIP/Cellular gateways</b>	<b>PBX inbound and outbound calls into and from Cellular.</b>
<b>Organization branches connectivity</b>	<b>Telephony resource sharing</b>
<b>PBX connectivity</b>	<b>Teleworker PBX extension over IP</b>
<b>HyperSaving Package</b>	<b>Minimizes expenses of local, national and international calls</b>



## HyperGateway system specifications:

Interfaces/Protocols	
<b>PRI:</b>	DSS1 (Q.931, national variants), SS7-ISUP optional (Q.767), QSIG-BC, E1/T1, TE/NT, CRC4/double frame
<b>BRI:</b>	Optional
<b>GSM:</b>	Ericsson GM47/48, dual band (900/1800 or 900/1900 MHz), One antenna per four channels
<b>CDMA:</b>	Motorola C18
<b>TDMA:</b>	Supported
<b>IP/Ethernet:</b>	10/100 Base-T, RJ-45
Voice over IP	
<b>Voice Compression:</b>	GSM, G.723.1 (MP-MLQ), G.729a (CSA-Celp), G.711 (PCM)
<b>Fax Support:</b>	Group 3, T38 compliant
<b>Echo Cancellation:</b>	G.168
<b>Signaling:</b>	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
<b>Call Setup:</b>	Either integrated or on external server
Management & Control	
<b>Web-Based Management:</b>	Hardware configuration, online port status and call statistics
Antennas (Optional)	
<b>YAGI:</b>	13dB, high-quality, high-gain directional outdoor antenna with scalable cable from 10-30 m
<b>Omni-directional:</b>	3dB, indoor antenna with 3 m cable
General	
<b>Dimensions:</b>	482 x 266 x 280 mm (84HP x 6U x 280 mm)
<b>Weight:</b>	Minimum 7kg (based on the system configuration)
<b>Housing:</b>	19" rack-mountable
<b>Power:</b>	Max 230VA, 100-240VAC
<b>Certification:</b>	CE
Environmental	
<b>Temperature:</b>	+5°C to +45°C
<b>Humidity:</b>	5% to 95% (non-condensing)

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



  
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