

# HyperSaving Gateways

## HG-1000 series



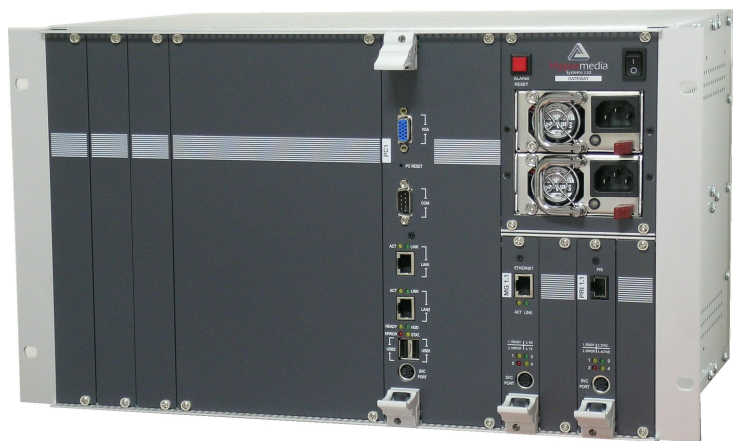
- All in one telephony platform
- PBX's connectivity for VoIP, Cellular and Fixed networks
- Fast return on investment (ROI)
- Optimal solution from small to large enterprises

### 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 on site and remote users

### HG-1000 series

The HG-1000 Series of HyperSaving Gateways is the ideal solution for medium-to-large enterprises looking to minimize costs of cellular and fixed calls. All upgradeable HG-1000 Series products are equipped with a PRI interface and optional support for both cellular and VoIP connectivity. The systems are designed as stand-alone platforms for the HyperSaving Package.



HyperSaving Package includes any combination of Corporate Callback, Corporate Callorder and Corporate Callthrough services that improve the organization's bottom line. optional support for both Cellular and of VoIP connectivity, companies can easily expand the cost-effective systems to meet their evolving telephony needs over time.

### Features

### Benefits

**HyperSaving Package**

**Minimizes expenses of local, national and international calls**

**Scalable platforms**

**Configured to meet precise customer requirements**

**PBX Interfaces**

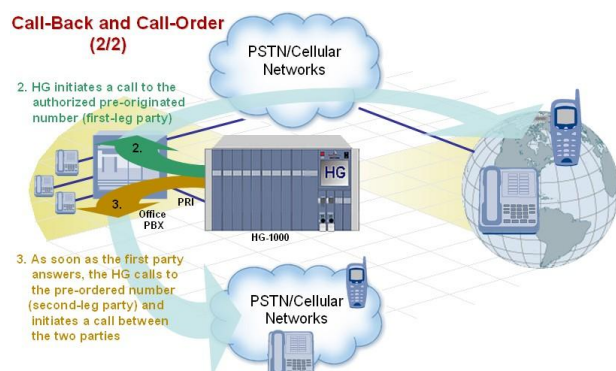
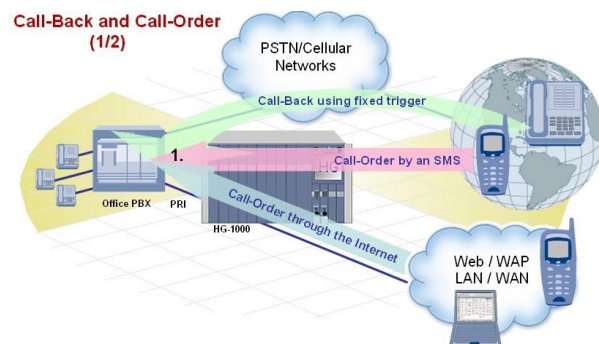
**Configurable ISDN-PRI for Cellular and VoIP channels.**

**Cellular Gateway**

**PBX inbound and outbound calls into and from Cellular.**

**VoIP Enabler Gateway**

**Connecting legacy PBX systems with VoIP networks.**



## HyperSaving Gateways 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.

