

UMTS Gateways

HG-5000 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

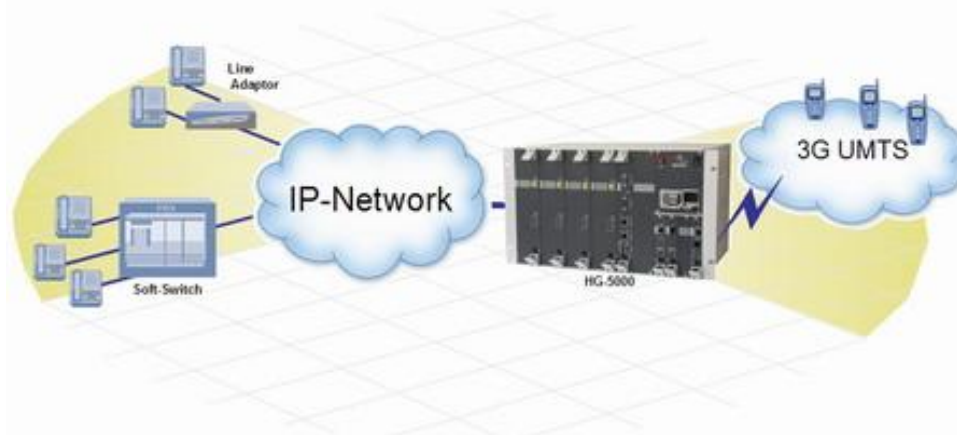
HG-5000 series

The HG-5000 series supports from 12 to 36 3G ports, comes either with embedded VoIP (H323) or ISDN PRI Interfaces, designed to utilize the more favorable rates on calls from UMTS network to other networks. The system provides superior voice technology for connecting legacy PBX systems with VoIP networks, and new IP-based systems with UMTS networks. The HG-5000 Series of UMTS Gateway enables inbound and outbound VoIP, PRI, 3G calls - all in one compact box. Given the systems' flexibility, modularity and scalability, the gateways can be pre-configured to meet precise customer requirements.



The HG-5000 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
Scalable and flexible systems	Configured to meet precise customer requirements
16-36 UMTS ports	PBX inbound and outbound calls into and from Cellular.
PBX Interfaces	Configurable ISDN-PRI for Cellular
VoIP interface ready	Connecting legacy PBX and new IP-based systems.
HyperSaving Package	Minimizes expenses of local, national and international calls



HyperGateway system specifications:

Interfaces/Protocols	
PRI:	DSS1 (Q.931, national variants), SS7-ISUP optional (Q.767), QSIG-BC, E1/T1, TE/NT, CRC4/double frame
BRI:	Optional
GSM:	Optional
CDMA:	Optional
UMTS:	Motorola 3G mobile phones C975 and E1000
IP/Ethernet:	10/100 Base-T, RJ-45
Voice over IP	
Voice Compression:	GSM, G.723.1 (MP-MLQ), G.729a (CSA-Celp), G.711 (PCM)
Fax Support:	Group 3, T38 compliant
Echo Cancellation:	G.168
Signaling:	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
Call Setup:	Either integrated or on external server
Management & Control	
Web-Based Management:	Hardware configuration, online port status and call statistics
Antennas (Optional)	
YAGI:	13dB, high-quality, high-gain directional outdoor antenna with scalable cable from 10-30 m
Omni-directional:	3dB, indoor antenna with 3 m 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	
Temperature:	+5°C to +45°C
Humidity:	5% to 95% (non-condensing)

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

