

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

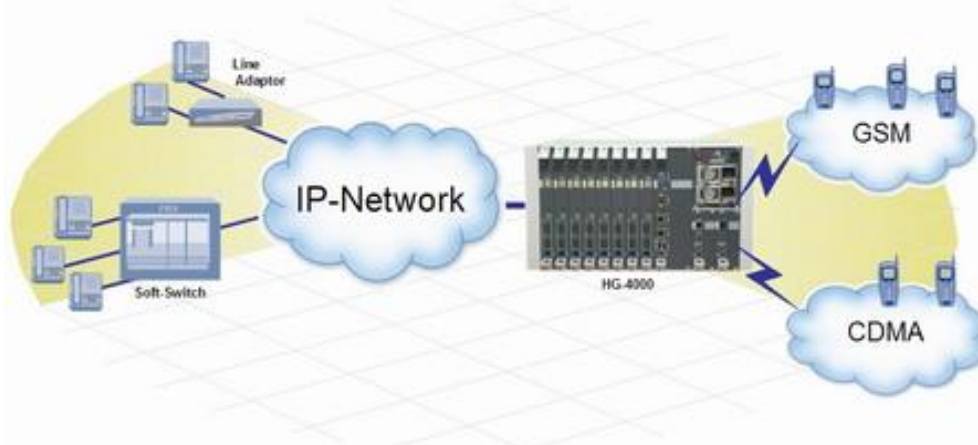
HG-4000 series

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 |
|---|--|
| PBX VoIP enablers | Connecting legacy PBX and new IP-based systems. |
| VoIP/Cellular gateways | PBX inbound and outbound calls into and from Cellular. |
| Organization branches connectivity | Telephony resource sharing |
| PBX connectivity | Teleworker PBX extension over IP |
| 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: | Ericsson GM47/48, dual band (900/1800 or 900/1900 MHz), One antenna per four channels |
| CDMA: | Motorola C18 |
| 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.




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