

GSM Gateway Series

Network Protocol Overview



AddPac

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Content

- Network Protocols
- Address & Interworking
- Routing
- Miscellaneous

Network Protocols

- Basic Network Protocols
 - ARP, IP, ICMP, IGMP, UDP, TCP
- Extended Network Protocol
 - Telnet, FTP, TFTP, DHCP Server/Relay, SNMP
 - AAA (RADIUS Client)
 - DNS Resolver, DDNS (nsupdate)
 - NTP (Network Time Protocol) Client
 - STUN Client
 - HTTP Server
 - Bridge
 - Syslog
 - CDP (Cisco Discovery Protocol)

Address & Interworking

- Network Address
 - IEEE 802.3 Ethernet / IEEE 802.1Q Virtual LAN
 - Fixed (Static)
 - PPPoE
 - PPTP
 - DHCP
- Address Translation
 - NAT
 - PAT
- Tunneling
 - IPIP (IPoverIP)
 - GRE (Generic Route Encapsulation Protocol)

Routing

- Static routing (Floating Static)
- Default routing
- Policy based routing
- Transparent routing (IP Stealth)
- Load sharing
 - Per packet
 - Per destination
- Routing Cache
 - IP Flow-Cache
- IP Connect (formerly ip-share)

Miscellaneous

- Miscellaneous
 - Cisco Style CLI
 - Access List
 - Standard Access List
 - Extended Access List
 - 48-bit MAC Address Access List
 - Multi-Level User Account Management
 - administrator, operator, user
 - IP Accounting
 - fsh (Embedded File System Shell)
 - Auto Script function (Auto configuration via FTP)
 - Auto Upgrade via HTTP
 - QoS (Quality of Service) Control



Thank you!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com