

# GSM Gateway Series

## Network Protocol Overview



**AddPac**

AddPac Technology

Sales and Marketing

# 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](mailto:sales@addpac.com)