

Firmware upgrade Requirement and Process

1. Environment Requirement

- a) A PC with FTP Server (Server-U software)
- b) A PC or Notebook witch connected to LAN port of gateway.
- c) Put the image (firmware) named “**FW-VIP281GS_vxxx.bin** ” at the assigned folder in FTP Server.

For example: “**FW-VIP281GS_v305.bin**” is version **3.0.5L**

Note: Free FTP server: 172.16.0.101

username: xxxx, password: xxxx

Environment Architecture (Gateway and FTP server are in Internet):



Figure 66. Firmware upgrades topology

2. Upgrading Process

- a) Notebook Telnet GSM GW -> open DOS mode ->C:> telnet 172.16.0.1 (Default WAN port IP)
- b) Please insert login password: 123, and select [4] Upgrade Software

```
Login :

Welcome to VIP-281GS GSM Gateway (version 3.0.5)
=====
Main Menu
=====
WAN Status:Fixed IP (NAT Mode)
VoIP Status:SIP Direct Mode
GSM Signal Level:-91 dBm
GSM Operator:Chunghwa Telecom
=====
[1] Advanced Setup.
[2] System Administration.
[3] Save Current Configurations.
[4] Upgrade Software.
[5] Ping.
[6] Logout.
[7] GSM.
[8] Restart.
Please Select 1 - 8: _
```

Figure 67. Main menu

- c) Please input IP address of FTP server like as: 172.16.0.101, username: xxxx, passwd: xxxx, and image name: **FW-VIP281GS_v305.bin**
- d) Upgrade (y/n): **y**, then will write the firmware to flash.
- e) After writing flash, Please reboot the Gateway.
- f) If the new firmware (image) was most different with the previous version, please push the hardware reset bottom to set to default.
- g) If the GSM Gateway is in remote site, please use WEB configuration to set to default.

```
Starting the file transfer
#####
1311648 bytes received in 2304 ms, (569.29Kbytes/sec), transfer succeeded
[5] Socket closed.
226 File sent ok.
[3] Socket closed.
Upgrade(y/n):y

Writing...

Image size = 1311648, Written size = 1311648
Write successfully.

Don't forget to restart the system !
```