

Release Note for Vigor2820 Series

Firmware Version: 3.3.1.2

Build Date: May 12, 2009

**Applied Models: Vigor2820
/Vigor 2820V/Vigor2820n/Vigor2820Vn/
Vigor2820VS/Vigor2820VSn**

- File and Modem Code

(1)For Annex A Model,

- "v2820_v03312_211011_A" is used for modem code 211011(Standard).
- "v2820_v03312_232201_A" is used for modem code 232201 (Recommended for UK_SEG)
- "v2820_v03312_211801_A" is used for modem code 211801.
- "v2820_v03312_2121501_A" is used for modem code 2121501.
- "v2820_v03312_2211201_A" is used for modem code 2211201.

(2)For Annex B Model,

- "v2820_v03311_2111112_B" is used for modem code 2111112. (Standard)
- "v2820_v03311_214702_B" is used for modem code 214702.
- "v2820_v03311_2121302_B" is used for modem code 2121302.
- "v2820_v03311_2111302_B" is used for modem code 2111302.
- "v2820_v03311_2111312_B" is used for modem code 2111312.
- "v2820_v03311_215202_B" is used for modem code 215202.

New Features

- Support ISDN function

Improvement

- VOIP:
 - Add protect function for sending caller-ID with DTMF type for the character used is non-standard
 - Add protection for SIP parser to prevent malicious UDP 5060 port attack
 - Add an enable/disable check box in VOIP regional
 - Add a telnet cmd "dtmftonepwr" for adjusting the power level of the DTMF tone sending

PSTN switch

Support "ALL" interface in call barring

Support call pickup (when act as a caller)

Improved: Danube DSP FXS on/offhook detection by using MPS driver

Improved: Stability for FXO Port or PSTN Port ring detection

Corrected: wrong RFC-2833 packet was sent out

Corrected: SIP SUBSCRIBE message missing "Contact" header

Corrected: VoIP can not change codec (driver layer)

Corrected: when a phone call is rejected (486 message), it still plays ring back tone

Corrected: DND exception list malfunctioning

Improved: SIP/SDP parser to handle complicate SDP content.

Improved: VOIP stability

Improved: scenario for SIP ALG code for SIP client on WAN side registered to SIP server on LAN side

Improved: Digit-Map function can use different prefix length but start with same digit rule.

Fixed: Problem of VoIP PSTN loopthrough in Phonebook and Digit Map

- 3G

Improved: 3G reconnect stability, backup mode

Corrected: unable to fetch 3G signal strength response

Support SonyEricsson MD300 modem. Skip CSQ signal check

Support Sierra 885/888 modem, DET-US3G5 modem, Cmotech D-50, and D-Link DWM-652 modem

- Wireless

Set WPS client's default MAC address as 00-00-00-00-00-00 to avoid WUI display error

Fixed: Problem that wireless clients are unable to get IP address from DHCP

- Others

Corrected: IM-P2P can not block Vagaa application

Corrected: WAN2 status not compatible with syslog utility 4.X

Corrected: DDNS use WAN2 first fail.

Corrected: syslog can not sent out via VPN tunnel

Corrected: ways of handling DNS port reply packet (a non DNS answer packet)

Corrected: IM-P2P mail alert malfunctions

Improved: VPN mechanism to avoid sending unnecessary DPD echo/reply

Improved: FTP server (active mode upload)

Improved: NAT loop back for SSH and FTP service

Improved: handle protocol equal to zero packets

Improved: PPTP WAN mechanism

Improved: telnet command for flush *nat portmaps*; it maybe useful for some conditions
portmapsetting -f

Fixed: access control function can't be disabled in **Wireless LAN>>Access Control**

Fixed: authentication failed with radius server: Vasco Middleware

Modify daylight saving table for New Zealand

Make telnet Call-log related command more robust to prevent reboot

Rearrange the telnet command with alphabet order

Known Issue

- None

Notes

Modifications

- None