

## Release Note for Vigor2820 Series

**Firmware Version: 3.3.3**

**Built Date: October 20, 2009**

**Applied Models:**

**Vigor2820/2820V/Vigor2820n/Vigor2820Vn/Vigor2820VS/  
Vigor2820VSn**

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- File and Modem Code

(1)For Annex A Model,

- "v2820\_v333\_211011\_A" is used for modem code 211011(Standard).
- "v2820\_v333\_232201\_A.\*" is used for modem code 232201 (recommended for UK-SEG only).
- "v2820\_v333\_211801\_A" is used for modem code 211801.
- "v2820\_v333\_2121501\_A" is used for modem code 2121501.
- "v2820\_v333\_2211201\_A" is used for modem code 2211201.

(2)For Annex B Model,

- "v2820\_v333\_2111112\_B" is used for modem code 2111112. (Standard)
- "v2820\_v333\_214702\_B" is used for modem code 214702.
- "v2820\_v333\_215202\_B" is used for modem code 215202.
- "v2820\_v333\_2121302\_B" is used for modem code 2121302.
- "v2820\_v333\_2111312\_B" is used for modem code 2111312.
- "v2820\_v333\_2111302\_B" is used for modem code 2111302 (recommended for Czech only).

## New Features

- Support SmartMonitor authentication and 30 accounts of computer
- Syslog database on USB disk
- Mirror port function for Smart monitor on WUI
- File explore for USB disk on WUI
- PPPoA passthrough
- Add USB disk file explorer on WUI and syslog database
- Add the function of Address Mapping.
- Add "busy or no answer" for VoIP call forwarding.

# Improvement

## For VoIP

- Corrected: ringing tone for Singapore.
- Corrected: VOIP regional malfunctions after SAS has been generated.
- Corrected: SIP memory leakage.
- Improved: digitmap feature (both WebUI fool-proof check and wildcard support).
- Corrected: a semi-attendent CT.
- Corrected: CPU 1.4 VOIP compatibility.
- Corrected: Doubled VoIP buffer (we reduced it to half in an earlier version) as we found it is more stable.
- Fixed: call scenario fails with no registration.
- Fixed: phone does not ring after calling for a while.
- Fixed: When RFC-2833 with payload type= 96 packet is received, the router will reboot.
- Fixed: call forward when busy for S0.
- Don't let ISDN loop through to PSTN via Digit Map.
- Increase compatibility with more stun servers.
- Allowed VoIP number starting with # for non-IP calls.

## For ISDN

- Corrected: Reboot problem of ISDN
- Fixed: the first incoming call (TE->S0) would have beep for a while
- Fixed: Called ID of S0 phone outgoing call display error when a remote user offhook the phone.

## For Firewall

- Corrected: call filter malfunctioning.

## For Wireless

- WDS is now compatible with AP700.

## For VPN

- Corrected: Failure of running IP Ping through VPN.
- 2nd subnet can route to VPN default route.
- Fixed: a problem of L2TP over IPsec for teleworker.
- Add "*vpn 2ndpass*" and "*vpn 2ndsubnet*" telnet commands for VPN with second subnet routing.
- Add the multicast function via VPN feat.

## For USB

- Corrected: when using samba service, the router will reboot.
- Improved: Improve many USB functions.

### **For Driver**

- Add new DEU(DES/3DES/AES) driver for Infineon new v1.4 SoC

### **For 3G**

- Improve the stability for 3G connection.

### **For Others**

- Corrected: syslog may cause reboot.
- Corrected syslog utility causes memory leakage.
- Corrected: desired ARP cache expiry time will not be reset after reboot.
- Corrected: PPTP NAT passthrough problem
- Corrected: DNS query type for AAAA.
- Corrected: a problem of PPPoA passthrough
- Corrected: some problems of TR-069
- Corrected: some problems of NAT loopback.
- Fixed: problems occurred on WUI.
- Fixed: Load balance setting for specific LAN device with specific WAN interface will fail after fail-over happened.
- Improved: router stability against NMAP scan and WUI autism
- Our DNS proxy does not support MX type query; the modification does not cache such kind query. It just lets the packet passing-through our proxy, like a transparent mode for MX query.

## **Known Issue**

- None

## **Notes**

### ***Modifications***

- None