

Release Note for VigorIPPBX™ 2820 Series

Firmware Version: 3.5.5

Built Date: August 25, 2010

Applied Models: VigorIPPBX™ 2820/2820n

- File and Modem Code

(1)For Annex A Model,

- "v2820pbx_a_355.*" is used for modem code 211801.
- "v2820pbx_a1_355.*" is used for modem code 211011(standard).
- "v2820pbx_a2_355.*" is used for modem code 2121501.
- "v2820pbx_a3_355.*" is used for modem code 2211201.
- "v2820pbx_a4_355.*" is used for modem code 232201 (Recommended for UK_SEG).
- "v2820pbx_a5_355.*" is used for modem code 243601.
- "v2820pbx_a6_355.*" is used for modem code 243701.
- "v2820pbx_a7_355.*" is used for modem code 2431301.
- "v2820pbx_a8_355.*" is used for modem code 244001

(2)For Annex B Model,

- "v2820pbx_b_355.*" is used as standard.
- "v2820pbx_b1_355.*" is used for modem code 2111302 (Recommended for Czech).
- "v2820pbx_b2_355.*" is used for modem code 2121302 (Recommended for Slovakia).
- "v2820pbx_b4_355.*" is used for modem code 214702.
- "v2820pbx_b5_355.*" is used for modem code 2111312.
- "v2820pbx_b6_355.*" is used for modem code 215202.
- "v2820pbx_b7_355.*" is used for modem code 246302.

New Features

For IPPBX part

- Support call pickup function, for specific extension pickup or group pickup.
- Support call barring with wildcard match; the rule set can apply to all, extension or group.
- Support call forward to external number via SIP Trunk.
- Support hunt group overflow handling.
- Support choice of CLI for outgoing call.
- Support FXO function.

- Support digitmap backup route function.
- Support digitmap wildcard match function (user can use such feature to setup default SIP trunk).
- Support CDR export function.
- Support extension/SIP trunk setting backup function.
- Support simultaneous 4-ISDN calls from two ISDN-TE ports.
- Add telnet command to assign SIP Trunk CODEC priority.

For Data part

- Support USB Disk related applications.
- Support IPSEC AES mode.
- Support mOTP for VPN remote dial-in user.
- Support NAT address mapping function.
- Support NAT Port Trigger function.

Improvement

- Corrected: Some IPPBX telnet commands can not work well.
- Corrected: Correct IVR behavior when set to "not used" option.
- Fixed: BLF (Busy Lamp Field) for inexistent extension number will cause router reboot.
- Fixed: Need to reboot the router to assign ISDN/PSTN trunk line number.
- Fixed: CDR does not record dial-out number (only trunk number) via Digit Map to ISDN network.
- Fixed: BLF function cannot work correctly in certain special cases.
- Improved: Support backup config data mechanism to prevent settings becoming factory default after rebooting the router.
- Improved: Add no registration call option into SIP trunk setting.
- Improved: Support SMTP port setting for voice mail function.
- Improved: Enhance BLF performance.
- Improved: Allow extension client to press "Missed" menu button to call an external number back.
- Improved: Add activate action when detect if ISDN line exists or not.
- Fixed: extension setting change will cause status display error when the number is not the same with display name.
- Improved: Enhance ISDN-TE channel voice quality.
- Improved: Add two telnet commands to adjust busy detection and echo canceler.
- Improved: Add a telnet command which can tune the level and the twist of the DTMF detection.
- Corrected: Some IPPBX telnet commands not work well.
- Improved: Add No registration call option into SIP Trunk WUI setting.

- Fixed: RTP stream not stop after calls terminate.
- Fixed: Problem in call barring web configuration.
- Fixed: Codec save error in **VoIP >> SIP Accounts** web page.
- Improved: Remove the wrong page of Multi-VLAN in WUI.
- Improved: Add UK_CCA, Taiwan and China option in **Tone Setting Region** for **Advance Settings**.
- Fixed: Problem of group call RTP proxy.
- Fixed: PBX crash issue when receiving SIP 183 message.
- Fixed: Incoming call to hunt group number can not do call park.
- Fixed: A not built extension can not dial to park server directly.
- Improved: Extend the IVR length from 24 sec to 75 sec.
- Fixed: While identifying VoIP-unlimited call, IPPBX will hold re-invite as first invite.
- Fixed: No dial tone for ISDN-TE off-net and DSP crash caused.

Known Issue

- When 4-ISDN calls are enabled, it might cause PSTN not having DSP channel to work.
- Use the version after V2154 for VigorTalk ATA24, otherwise it may occur continuous call transfer job and result in IPPBX reboot.
- IPPBX cannot correctly relay BYE packet from external caller out of SIP trunk to another external callee out of SIP trunk.

Notes

Modifications

- None