



Release Notes

**P-2612HW-F1
Standard Version
3.70(BLD.3)C0**

**Release Date: May 9, 2010
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1 General Information

1.1 Version

The firmware version is as below.

| Items | Value |
|--------------------|-----------------------------------|
| RAS Version | V3.70(BLD.3) 05/09/2010 |
| Bootbase Version | V1.05 01/24/2008 |
| DSL Image Version | Danube_ADSL 2.1.3.6.0.1 29/8 9:11 |
| WLAN Image Version | xxx |
| VDSP Image Version | xxx |

1.2 Modification

The track records of modification are listed as below.

Modifications in V 3.70(BLD.3)C0 | 05/09/2010

1. Change to FCS.

Modifications in V 3.70(BLD.3)b1 | 05/05/2010

1. [BUG FIX] SPRID: 100505155

Symptom: When use 4 swap method to erase the bootbase, romfile, rasfile, device will always crash and can not up.

Condition:

Step1: Merge action :cd: \copy /b BLD105.bm+370BLD2C0-4.rom+370BLD2C0.bin 370BLD2C0.t01

create 370BLD2C0.swp after 4 byte swap

Step2: erase the 370BLD2C0.swp to flash.

Step3: device will crash always and can not boot up.

Modifications in V 3.70(BLD.2)C0 | 04/19/2010

1. Change to FCS.

Modifications in V 3.70(BLD.2)b7 | 04/19/2010

1. [BUG FIX] SPRID: 100416879

Symptom: The device will reboot in win7 system when we find a AP,and input the device pin number

Condition: Topology: LAN PC----- DUT-----LAN PC

Step1:Reset to default rom file.

Step2:In GUI>Network>Wireless LAN>AP>Enable Wireless LAN, Security Mode= "WPA-PSK"

Step3:IN GUI >Network>Wireless LAN>WPS>WPS Setup>Enable WPS=Enable>WPS Status>

Press button "Release">Apply

Step4:IN Win7 system PC>NetWork,we will find a AP,open the AP, and input the device pin number,the device will reboot.

Modifications in V 3.70(BLD.2)b6 | 03/24/2010

1. [BUG FIX] SPRID: 091222643

Symptom: Ethernet WAN mode, run triple play application,make VOIP call,caller can't hear callee's

voice,and run FTP,IPTV,VOIP at the same time,after several hours,FTP will disconnect,IPTV will hang

Condition: topo:LAN1---DUT-----PVC1 router(FTP)LAN2---DUT-----PVC2 bridge(IPTV)LAN3---DUT--

---PVC3 bridge(VOIP)

step1 :default romfile,Ethernet WAN mode

step2:In GUI,set PVC1 as router for FTP,PVC2 as bridge for IPTV,PVC3 as bridge for VOIP

step3:enable 802.1P/Q,bind LAN1 to PVC1,LAN2 to PVC2,LAN3 to PVC3

step4:LAN1 use LeapFTP to do file download,LAN2 is running IPTV,LAN3 is making VOIP call.

step5:LAN3 connect to ATA,ATA dial WAN side phone,it is successful, wan side phone can hear ATA's voice,but ATA can't hear wan side's voice

step6:FTP,IPTV,voip is running at the same time.after several hours,FTP will disconnect,IPTV will hang

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step7:SI pass criteria:after overnight,FTP,IPTV,VOIP all work well

2. [BUG FIX] SPRID: 100311882

Symptom: Ethernet uplink, Enable QoS, then add more connection, device crashes.

Condition:

Step1: default romfile, choose Ethernet uplink

Step2: enable QoS, and then add more connection, with VLAN tag, device crashes.

3. [BUG FIX] SPRID: 100318575

Symptom: SIP settings lost after upgrade to 370BLD2b4_20100210

Condition: After upgrading from V3.70(BLD.2)b2_20090930 to 3.70(BLD.2)b4_20100210 all SIP settings are lost. Customer didn't do romfile reset.

4. [BUG FIX] SPRID: 100316323

Symptom: Dynamic DNS can't work correctly

Condition: topo:PC---DUT---DSLAM---company network

step1:default romfile

step2:set DUT as Encap and get WAN IP 172.25.25.xxx

step3:set LAN and WAN primary DNS as 172.23.5.1

step4:GUI>Dynamic DNS,enable Dynamic DNS,Host Name: karinyang.dyndns.info,User Name: kariny,password:123456,Choose "Use WAN IP Address"

step5:LAN PC DOS ipconfig/flushdns then ping karinyang.dyndns.info

step6:it is reply from 218.104.50.218,but it should reply from DUT WANIP 172.25.25.xxx

5. [BUG FIX] SPRID: 100316323

Symptom: OBM default setting have some issues

Condition:

(1) Change remote management access status from LAN to WLAN&LAN

(2) Enable voip sip account 1

(3) wireless default setting is privatxxxxxxx, WPA-PSK, Auto-Scan Channel ,ESSID and security key is changed based on DUT MAC

Modifications in V 3.70(BLD.2)b5 | 03/05/2010

1. [BUG FIX] SPRID: 091217307

Symptom: [Regression]remove IGMP snooping function,CLI loss "ether switch igmpsnp",but b3 support the function

Condition: step1:default romfile

step2:remove IGMP snooping function,CLI loss "ether switch igmpsnp"

step3:b3 support the function and have "ether switch igmpsnp"

2. [BUG FIX] SPRID: 091225893

Symptom: In GUI>Network>WAN>Advanced setup page,when press apply,it can't return to Internet Access setup page.

Condition: step1:In GUI>Network>WAN>Advanced setup page,press apply

step2:It still in advanced setup page,it can't return to Internet Access setup page.

3. [BUG FIX] SPRID: 091224839

Symptom: CI command"sys romr"to default romfile,it should not show "P2612HW">

Condition: P2612HW> sys romr

Do you want to restore default ROM file(y/n)?y

Default Romfile reset...

Restore default Romfile. OK

System Restart(Console speed will be changed to 115200 bps)

P2612HW>

it should not show P2612HW>

4. [BUG FIX] SPRID: 091218495

Symptom: Memery usage show 102% in GUI status page,if you didn't reboot DUT,the value will increase

Condition: N/A

5. [BUG FIX] SPRID: 091225889

Symptom: [Regression]After finish autoprovision,user can't hear upgrade new firmware voice and menu 98.9 information is lost

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Condition: topo:DUT---DSLAM---LAB---WAN PC

step1:default romfile

step2:get Rom-t file,edit rom-t file such as VOIP setting(phonenummer,sip server addresss,userid,password),menu98.9

step3:use autoprovion tool to creat a non-Encrypted file

step4:In DUT,enable autopro,keyin the related parameters.

step5:after DUT finish autopro then reboot,but the voip setting can be upgraded and register on sip server

step6:phone1 offhook,but user can't hear upgrade new firmware voice

step7:get rom-t from DUT,you will find menu 98.9 message is blank.the message is lost

6. [BUG FIX] SPRID: 091230310

Symptom: When the wireless client times out in the P2612's ARP-table,all packets from the wireless client to Internet (or to the CPE) are dropped.

The CPE will not reply the arp request unless it receives broadcast packets.

Condition: Topology: Wireless client---CPE---DSLAM---Internet

1. After client connect with CPE, ping LAN IP of CPE.

2. Flush arp table with "ip arp flush" to simulate timeout of wireless client.

3. ping LAN ip of CPE, there is no arp reply from CPE untill there is broadcast packets which are sent by PC automatically.

7. [BUG FIX] SPRID: 100129729

Symptom: After issuing the following command,

ip pr disp

device reboots immediately.

Condition: default rom file.

issue command 'ip pr disp'.

8. [BUG FIX] SPRID: 100201043

Symptom: OAM loopback test fail.

Condition:

1. Connect CPE with AAM1212/ES-612 DSLAM

2. On DSLAM GUI Management>Diagnostic, use right VPI/VCI and port to send ATM F5 OAM loopback packet.

3. DSLAM get fail message.

9. [BUG FIX] SPRID: 091104268

Symptom: The Caller ID will not be received when the countrycode is New Zealand. If the countrycode is changed to USA, the phone connecting with our IAD can show Caller ID of peer side.

Condition: Topology:

Phone--IAD---Internet

1. With wan settings and SIP account settings, change country code to New Zealand, the caller ID can not be showed in the phone when call in.

2. Change the countrycode to USA, the phone can show peer side Caller ID.

10. [BUG FIX] SPRID: 091223765

Symptom: [Regression] ADSL WAN mode, run triple play application overnight, FTP will disconnect, IPTV will hang

Condition: topo:LAN1---DUT-----PVC1 router(FTP)

LAN2---DUT-----PVC2 bridge(IPTV)

LAN3---DUT-----PVC3 bridge(VOIP)

step1:default romfile,ADSL WAN mode

step2:In GUI,set PVC1 as router for FTP,PVC2 as bridge for IPTV,PVC3 as bridge for VOIP

step3:enable 802.1P/Q,bind LAN1,WLAN to PVC1,LAN2 to PVC2,LAN3 to PVC3

step4:LAN1 use LeapFTP to do file download,LAN2 is running IPTV,LAN3 is making VOIP call.

step5:run triple play application overnight,FTP will disconnect,IPTV will hang in a moment.

11. [BUG FIX] SPRID: 091225909

Symptom: [Regression]firewall is enabled,but TCP tracffic can't be dropped from WAN to LAN

Condition: topo:LAN PC---DUT---DSLAM--LAB---WAN PC

step1:default romfile.firewall is enabled

step2:DUT get WAN IP

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step3:NAT is SUA,GUI>NAT>port forwarding page,set default server address as LAN PC address(192.168.1.33)

step4:WAN PC run chariot tool,endpoint1 is WAN PC IP,endpoint2 is DUT WAN IP,but it can run,it should can run when firewall is disabled

step5:ping traffic is dropped,wan pc ping DUT wan ip,it is dropped,it is ok

step6:ADSL WAN mode,Ethernet WAN mode all exist the issue

12. [FEATURE ENHANCEMENT]

Add 1483 Routing choice in WAN page.

ISP node wan page supported, wizard page supported

13. [FEATURE CHANGE]

Decrease NAT session from 6k to 3k.

14. Change default romfile.

Modifications in V 3.70(BLD.2)b4 | 12/14/2009

1. [Enhancement] Add feature IGMPv3

2. [Enhancement] Add feature dual-romfile

3. [Enhancement] Enlarge NAT session from 3k to 6k

4. [Enhancement] Ethernet WAN mode, the topology is like below, DUT can play IPTV(HD movie, 20Mbps) smoothly.

5. [Enhancement] Accelerate the download speed for NNTP protocol

6. [Enhancement] Remove GUI page VoIP>SIP>QoS VLAN tagging

7. [Enhancement] User level can change the password

It covers the SPR ID: 091121981

8. [Enhancement] User level can upload fw

It covers the SPR ID: 091121982

9. [Bug Fix] SPR ID: 091210730

Symptom: DSL WAN mode,There are two PVC, if the PVC is not belonged to the MGMT VLAN, the traffic cannot be sent out.

10. [Bug Fix] SPR ID: 091110820

Symptom: After default, the call histories older than one day are still there.

11. [Bug fix] SPR ID:N/A

Symptom: Web GUI "Advanced>Qos>Class Setup", select Add show string error, should be "class" not "calss"