

## Win7 Bluetooth Suite 7.4 Release Note

### ● Win7 Bluetooth Suite 7.4.0.10

#### **New feature:**

- 7.4 supports BT 4.0 + HS and we have got the BQB listing for host stack
- Supports following inbox LE profiles

Find me/ Proximity (Link loss) / Network availability / Time

- This release supports dual mode (BR/EDR + LE) as central role and we also provide “golden sample” as peripheral role (LE only device) for functionality verification.

### ● Win7 Bluetooth Suite 7.4.0.40(Software changes between 7.4.0.10 and 7.4.0.40)

#### **New feature:**

- Support the complete proximity profile. Include path loss and link loss feature
- Support LE profile over BR/EDR. LE profiles can work between two dual mode devices.
- Support AR3011/AR3012(serials) Bluetooth chip
- Disable Time profile & Network Availability profile inbox support.

#### **Fixed:**

- Fix the IOP issue with Nordic proximity device. Send “min connection update parameter” to firmware. And provide service cache feature to do service discovery only once in pairing procedure

### ● Win7 Bluetooth Suite 7.4.0.70(Software changes between 7.4.0.40 and 7.4.0.70)

#### **New feature:**

- Disable BT4.0 SDP service to BT3.0/2.1 device
- Disable VDP default

#### **Fixed:**

- **Support Win7 English version only.**

- AVRCP issue with Moto (got patch)
- AD2P disconnection issue (set registry to disconnect A2DP and HFP at the same time)
- Immediate alert service for proximity
- OPP disconnection issue from BRCM to Atheros
- Device detect for both 3011/3012 ID
- DLL digital sign issue in WHQL 1.6 test
- Unlock Windows 7 automatically when remote proximity device is in range again.
- Show traditional UI for LE devices (Only context menu is provided in previous version).

## ● **Win7 Bluetooth Suite 7.4.0.82(Software changes between 7.4.0.70 and 7.4.0.82)**

Stack version: 7.4.0.82

AR3011 FW version: 6.4.1.107

AR3012 FW version: 2.2.0.78

### **New feature:**

- Find me or proximity is available only when the remove device support those profiles
- Delete LE page in open setting dialog and show alert level and slide bar in win7 UI.
- Improve Bluetooth lock notify dialog (Proximity profile).
- Add the proximity unlock feature by link loss service.
- Enable/disable VDP, HID and HF by changing steupconfig.ini.

[BT\_Profile]

##'1' enable the HID profile, '0' disable it## (default disabled)

HID=1

##'1' enable the VDP profile, '0' disable it##(default disabled)

VDP=1

[HideHF]

##'0' enable the HF profile, '1' disable it##(default enabled)

value=1

### **Fixed:**

- The Proximity item is not sync while change setting.
- Bluetooth LE key coming near switch on (after the system is locked) cannot trigger unlock.
- The file in Atheros Bluetooth Folder which is received from other BT via OPP will lost after restart the unit.
- Fixed BSOD occur after switch user in clone/extend mode.
- BSOD(0XD1) occurs during transfer/receive file via Atheros Maryann BT.
- No proximity alert when link loss via extending the proximity range if move the slide bar to right side terminal
- Request to modify device description
- Webcam preview window show black while the default Capture device in Cyberlink YouCam is "Btath\_vdp"
- Need to add LE tab explanation on Help
- Request Profile enable/disable feature if we add new profile on same version

## ● **Win7 Bluetooth Suite 7.4.0.90(Software changes between 7.4.0.82 and 7.4.0.90)**

AR3011 FW version: 6.4.1.107

AR3012 FW version: 2.2.0.81

Jupiter 2.0: Ram patch version 167

### **Fixed:**

- Occasionally Occurred blue screen 0x3B during proximity test
- Remove LE over BR/EDR
- Add the mark on side bar to define the scale for distance in Bluetooth setting
- The LE device should keep alarm until user press stop in FindMe test
- UI has some typo on Japanese OS
- The new "setupconfig.ini" setting need to "cut power" to get effect. Only warmboot will get firmware in old values.
- Only one device can be enabled as proximity device. Prompt message when there's more than one device.
- WB195 shows new user account for proximity function



- CPU usage is too high by BtvStack.exe interrupt
- The "unlock the computer automatically when the LE device is in range "can't restore to default setting if re-pair
- Support variable A2DP bit pool

## ● **Win7 Bluetooth Suite 7.4.0.95(Software changes between 7.4.0.90 and 7.4.0.95)**

AR3011 FW version: 6.4.1.107

AR3012 Ram patch version: 2.2.0.90

Jupiter 2.0 Ram patch version: 2.0.0.185

### **Fixed:**

- [IOP] Pair has fail rate with TI keyfob
- BU22 Proximity and Find me item disappear after RF disconnect; only leaves Connect button.
- To hide BT user icon when enabling Proximity unlock function.
- Add new BT ID for WB263 HID pre-boot
- Support two kinds of VID/PID in the setupconfig.ini for HW detection function
- Mute button and Volume bar of BT music control bar lost function when pair between Atheros BT units.
- Add Bluetooth DID for WB225
- Support HID pre-boot feature in host side

## ● **Win7 Bluetooth Suite 7.4.0.98(Software changes between 7.4.0.96 and 7.4.0.98)**

AR3011 FW version: 6.4.1.107

AR3012 Ram patch version for Gigabyte: 2.2.0.95

AR3012 Ram patch version for general customer: 2.2.0.96

Jupiter 2.0 Ram patch version: 2.0.0.205

**Fixed:**

- Screen shot on help menu has mismatch Language
- RF disable capability change for BU22
- Confusing GUI of Proximity check box when drop link
- Proximity no function at lock page after resumed from S3/S4
- Add a BCM-like icon on lock screen
- No GUI if service discovery fail
- HCRP serves is not shown with Win 7 inbox driver
- BSOD (0xFE) when update BT driver from 7.4.0.90 to 7.4.0.95
- Change installer name, publisher and icon for HP BT driver (7.4.x.x)
- The BU22 host cannot auto unlock computer when turn off then turn on BT Radio
- No sound via A2DP from on line audio
- Disable BPP server by default
- New setting in setupconfig.ini for 3012.

- **Win7 Bluetooth Suite 7.4.0.100(Software changes between 7.4.0.98 and 7.4.0.100)**

AR3011 FW version: 6.4.1.107

AR3012 Ram patch version for general customer: 2.2.0.96

Jupiter 2.0 Ram patch version: 2.0.0.212

**Fixed:**

- Blue Screen "0xD1" occurs on "Atheros" Unit when transfer files via Bluetooth form "Atheros" to "Broadcom"

- **Win7 Bluetooth Suite 7.4.0.103(Software changes between 7.4.0.100 and 7.4.0.103)**

AR3011 FW version: 6.4.1.107

AR3012 Ram patch version for Gigabyte: 2.2.0.95

AR3012 Ram patch version for general customer: 2.2.0.96

Jupiter 2.0 Ram patch version: 2.0.0.222

**Fixed:**

- Multi Language Support for OSD
- Request option to select number lock , caps lock and scroll lock; support multi language
- No sound via A2DP from on line audio
- Message box "The request could not be honored" pop up when send a file from internet explorer via BT (Valentine to Maryann)
- Need to add BU22 ID on BT driver inf
- Our BT service makes slower OS boot
- Sound will delay ~1sec when playback video file with cellphone F01C
- A2DP connection is broken if Multi paring BT device connected
- Requested to add the following comment on help menu. "Other Camera application may not work correctly during VDP profile is working"

● **Win7 Bluetooth Suite 7.4.0.110(Software changes between 7.4.0.103 and 7.4.0.110)**

AR3011 FW version: 6.4.1.107

AR3012 Ram patch version for general customer: 2.2.0.100

Jupiter 2.0 Ram patch version: 2.0.0.251

**New Feature:**

- Implement TIME and Network Availability profiles. Only support server role for these two profiles
- Implement LE auto reconnection feature.

**Fixed:**

- "Lost Connection" if disable-enable Server side after Client browses its FTP folder
- Fixed VDP failed with cellphone LG-KT878.
- Bluetooth profile control window will not popup when BT device paired success
- BPP is always enabled after we change user account and update driver

- Video image will be twisted while using VDP on 2 platforms.

● **Win7 Bluetooth Suite 7.4.0.115(Software changes between 7.4.0.110 and 7.4.0.115)**

AR3011: firmware version 6.4.1.111

AR3012: Ram patch version for general customer 2.2.0.105

Jupiter 2.0: Ram patch version 2.0.0.271

**New Feature:**

-Support HF1.6

**Fixed:**

- Feature request - BPP enable in setupconfig.ini
- Fail to transfer file via BT after restart or cold boot the system
- When sync the vCard via BT connection, the content of "IM address" is fail to sync.
- The computer is recognized as "Desktop Computer", it should be "Laptop
- Lack a service(PAN) in BT service tab when pair with two Maryann BT units.
- BT will spend over 1min to connect with Logitech V470 BT mouse
- WB222 BSOD by btfilter.sys at idle on specific platform
- Requirement of LE SDK - lock notification event of proximity
- BT package - setup.exe is crashed if user executes it several times in short time
- Request to add WB222/BT DID
- 0x9F BSOD on specific platform when stressing S4
- Encounter BT BSOD 0x1E, 0x9F and 0x3B on specific platform when system returns from S3

● **Win7 Bluetooth Suite 7.4.0.120(Software changes between 7.4.0.115 and 7.4.0.120)**

AR3011 FW version: 6.4.1.111

AR3012 Ram patch version for general customer: 2.2.0.105



Jupiter 2.0 Ram patch version: 2.0.0.291 (support 48MHz clock)

**Fixed:**

- To request reduce the BT proximity range for Combo module
- To detect module type to disable or enable BTAgent
- BU22 "athBTTray.exe" will disappear in system service after using OPP in Denmark, fix same issue for Arabic language
- Wrong spelling "BoooK" of Atheros BT services "Bluetooth Phone Boook Access" services when pair

● **Win7 Bluetooth Suite 7.4.0.122(Software changes between 7.4.0.120 and 7.4.0.122)**

AR3011 FW version: 6.4.1.111

AR3012 Ram patch version for general customer: 2.2.0.108

Jupiter 2.0 Ram patch version: 2.0.0.305 (support 48MHz clock)

**Fixed:**

- Wrong spelling "BoooK" of Atheros BT services "Bluetooth Phone Boook Access" services when pair with smart phone.
- File Transfer Manager UI will disappear if transfer the file to each other at the same time via BT
- Enable LE proximity if reboot system
- Btvstack crashes when stressing S3
- Auto reconnection time is long with HID (mouse, keyboard)
- BT3.0 FTP/PAN transfer disconnected after wlan throughput traffic runs for 30-40s
- WB222 BT is disabled at stress warm-boot test in specific laptop

● **Win7 Bluetooth Suite 7.4.0.125(Software changes between 7.4.0.122 and 7.4.0.125)**

AR3011 FW version: 6.4.1.111



Jupiter 2.0 Ram patch version: 2.0.0.307

**Fixed:**

- Bluetooth\_Suite\_win7 v7.4.0.120 or v7.4.0.122 has MUL issue about our BT GUI in France
- New requirement to reduce size of HP BT standalone package for 2012 new driver
- Character corruption on Japanese help menu on 7.4.0.115
- Music will lose in the first 2secs when using MONO mode BT earphone

● **Win7 Bluetooth Suite 7.4.0.126(Software changes between 7.4.0.125 and 7.4.0.126)**

AR3011 FW version: 6.4.1.111

Jupiter 2.0 Ram patch version - General: 2.0.0.307

Jupiter 2.0 Ram patch version - Acer: 2.0.0.321

**Fixed:**

- To hide the BT GUID that reported by LG phone
- Before system enters S3 (Setup power option/sleep 5 mins) then wait BT to transfer/receiver big file until it is finished by OPT, FTP and PAN.
- Lost FTP connection during file transfer.

● **Win7 Bluetooth Suite 7.4.0.130(Software changes between 7.4.0.126 and 7.4.0.130)**

AR3011 FW version: 6.4.1.111

AR3012 Ram patch version: 2.2.0.112

Jupiter 2.0 Ram patch version - General: 2.0.0.326

**Fixed:**

- BIP - Moto V8 will receive BIP request again after cancel the BIP transferring. (IOT issue, Always)
- The pictures shown in BT user guide don't match the BT control menu

- Certain function cannot be checked in BLE UI

- **Win7 Bluetooth Suite 7.4.0.135(Software changes between 7.4.0.130 and 7.4.0.135)**

AR3011 FW version: 6.4.1.111

AR3012 Ram patch version: 2.2.0.114

Jupiter 2.0 Ram patch version - General: 2.0.0.326

**Fixed:**

- Sometimes FTP/OPP from B to A will pop out time out error message at BRCM side, when the share folder of A is set to USB memory stick which FAT32 format.
- Jupiter New USB ID request
- BT installer create redundant folder
- Help file shows incorrect characters in Portuguese
- LE help file update
- Request: BT3.0 OPP+HID no lag - OPP became paused
- OPP failed by transferring a file with long file name
- Reduce HDD/SDD access during OS booting up

- **Win7 Bluetooth Suite 7.4.0.140(Software changes between 7.4.0.135 and 7.4.0.140)**

AR3011 FW version: 6.4.1.111

AR3012 Ram patch version: 2.2.0.116

Jupiter 2.0 Ram patch version - General: 2.0.0.349

**Fixed:**

- There are two "Send by Bluetooth to..." when we right click ASUS eManual shortcut
- Feature request - SCMS-T button for enable/disable.
- The BT audio service output will interrupt seriously while send file via BT.



- Bluetooth driver is not installed correctly
- During pair with Newman BT mouse , apear BSOD D1 when Enter Pin code;
- A2DP streaming drops during FTP