



## Win7 Bluetooth Suite 7.4.0.82 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.