

Win7 Bluetooth Suite 7.4.0.130 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 as HP/Acer request.

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)
- A2DP 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.
- Add description about PathLoss / LinkLoss at Golden Sample to help recognize alert type

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.
- 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"
- System will be auto Locked even the Proximity is not enabled

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

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)**

Fixed:

- Pair has fail rate with TI keyfob
- BU22 Proximity and Find me item disappear after RF disconnect; only leaves Connect button.
- Customer requests to hide BT user icon when enabling Proximity unlock function.
- Mute button and Volume bar of BT music control bar lost function when pair between Atheros BT units.

● **Win7 Bluetooth Suite 7.4.0.96(Software changes between 7.4.0.95 and 7.4.0.96)**

Fixed:

- Proximity connection broken after resume from S3/S4 .

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

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
- 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 different customized ram patch.

[DownloadPatchForOEM]

customer=

;It is a string that can be read by btfiler driver, driver will read first 4 characters to use as postfix name of OEM special patch file name.

;for example, if customer=**ga01**, driver will use **AthrBT_0x01020200_ga01.dfu**

;default value is empty or not use this section, driver will use AthrBT_0x01020200.dfu

● **Win7 Bluetooth Suite 7.4.0.103(Software changes between 7.4.0.98 and 7.4.0.103)**

Fixed:

- Blue Screen "0xD1" occurs on "Atheros" Unit when transfer files via Bluetooth form "Atheros" to "Broadcom"
- 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)
- 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
- Includes Foxconn WB222 ID.

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

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
- [WB225] 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)**

New Feature:

- Support HF1.6

Fixed:

- 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.
- AR3012 will spend over 1min to connect with Logitech V470 BT mouse
- WB222 BSOD by btfiler.sys at idle on Dell Studio 1558 platform
- Requirement of LE SDK - lock notification event of proximity
- Encounter BT BSOD 0x1E, 0x9F and 0x3B when system returns from S3
- 0x9F BSOD when stressing S4
- setup.exe is crashed if user executes it several times in short time

- **Win7 Bluetooth Suite 7.4.0.116(Software changes between 7.4.0.115 and 7.4.0.116)**

Fixed:

- Fix "athBTTray.exe" will disappear in system service after using OPP in Denmark

- **Win7 Bluetooth Suite 7.4.0.120(Software changes between 7.4.0.116 and 7.4.0.120)**

Fixed:

- Reduce the BT proximity range for Combo module
- Acer/Wistron report BU22 "athBTTray.exe" will disappear in system service after using OPP in Denmark, fix same issue for Arabic language also

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

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
- BT3.0 FTP/PAN transfer disconnected after wlan throughput traffic runs for 30-40s
- WB222 BT is disabled at stress warm-boot test
- WB222 BT is lost or yellow band at stress S3 test

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

Fixed:

- Wrong spelling "BoooK" of Atheros BT services "Bluetooth Phone Boook Access" services when pair with smart phone.
- 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 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 7.4.0.125and 7.4.0.126)**

Fixed:

- Hide the BT GUID that reported by LG phone
- Modify OPT, FTP and PAN power behavior.
When System S3 power option set to sleep after X mins or other.
Before -- If Bluetooth transfer/receiver big file need more than X mins, system will go into S3 immediately.
After -- If Bluetooth transfer/receiver big file need more than X mins, system will go into S3 after transfer finished.
- Fix lost FTP connection during file transfer when use BT3.0.
- modify bthserv default behavior from on to off to save battery life

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

Fixed:

- Some headsets will send sniff request during A2DP establish, original design will reject this and cause more power.
- BIP - Moto V8 will receive BIP request again after cancel the BIP transferring.
- BLE GUI, when check "Unlock the computer automatically when LE devices in range", the check-box will automatically uncheck random.

-BIP - Moto V8 will receive BIP request again after cancel the BIP transferring.

● **Win7 Bluetooth Suite 7.4.0.130_V10_07**

Fixed:

- bt icon show at task bar random issue
- Bluetooth mouse need 1 mins to connect issue.