



BTW 6.2.0.8900-9000

Release Notes

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INTRODUCTION

CUSTOMER SUPPORT PORTAL (CSP)

Customers can submit enhancements, changes and/or defects against releases of software or firmware via the Broadcom Customer Support Portal (CSP). CSP cases are replicated into the Broadcom Bluetooth engineering change management database for review by the engineering community and change control boards.

If your project or program is not listed inside the CSP please contact your Broadcom representative whom can configure the CSP system for use with your unique needs.

To start using the CSP please visit <http://support.broadcom.com>.

Installation Command Line Options

To install BTW from command line prompt or from a batch file, use the following command line options:

Setup.exe [/qn | /qb | /qr] [/nw] [/nodfu] [/L<LangId>] [/ru] [/ri]

/qn - Silent install without any UI and user interaction

/qb - Silent install with basic UI with progress dialog without any user interaction

/qr - Silent install with full UI without any user interaction

/nw- Setup.exe does not wait for BTW install to complete, exits after invoking MSI install.

/nodfu- Do not execute DFU during BTW install (even if configured for DFU in SvcPack.ini file)

/noinf - Do not install USB inf file, bcbtums*.inf for Vista and btwusb.inf for XP. (Newly added since 5.5.0.900 and 6.1.0.2800)

/L -Installation language

<LangId> can be one of the following

1033: English

1046: Portuguese (Brazilian)

1028: Chinese Tradition

2052: Chinese Simplified

1030: Danish

1043: Dutch

1035: Finnish

1036: French

1031: German

1040: Italian

1041: Japanese

1042: Korean

1044: Norwegian

1034: Spanish

1053: Swedish

1049: Russian

1045: Polish

14337: Arabic

1029: Czech

1032: Greek

1037: Hebrew

1050: Croatian

1038: Hungarian

2070: Portuguese (European)

1048: Romanian

1055: Turkish

/ru - Suppress reboot at the end of uninstall. (Relevant for Windows 98 and ME during upgrade)

/ri - Suppress reboot at the end of install (Relevant for Windows 98 and ME and if reboot is required on Windows 2000).

For example, to install silently without any UI in German language, use the following command line

setup.exe /qn /L1031

Signed Driver Report

Folder: s:\BTW\btw1.2\bin\drivers

Driver: Signed? Signature: Valid? SubmissionID: Version:

| Driver: | Signed? | Signature: | Valid? | SubmissionID: | Version: |
|----------------------|---------|------------|--------|---------------|------------|
| btusbflt.cat | Yes | WHQL | Yes | 1326621 | 6.2.0.8900 |
| btwaudio.cat | Yes | WHQL | Yes | 1326629 | 6.2.0.8900 |
| btwavdt.cat | Yes | WHQL | Yes | 1324460 | 6.2.0.8700 |
| btwrchid.cat | Yes | WHQL | Yes | 1322334 | 6.2.0.8400 |
| frmupgr.cat | Yes | WHQL | Yes | 1326623 | 6.2.0.8900 |
| btwl2cap.cat | Yes | WHQL | Yes | 1324046 | 6.2.0.8600 |
| btwsecfl.cat | Yes | WHQL | Yes | 1321834 | 6.2.0.8200 |
| bcbthid32.cat | Yes | WHQL | Yes | 1317542 | 6.2.0.7500 |
| bcbtums-x86-brcm.cat | Yes | WHQL | Yes | 1326730 | 6.2.0.8900 |

Folder: s:\BTW\btw1.2\bin\amd64\drivers

Driver: Signed? Signature: Valid? SubmissionID: Version:

| Driver: | Signed? | Signature: | Valid? | SubmissionID: | Version: |
|----------------------|---------|------------|--------|---------------|------------|
| btusbflt64.cat | Yes | WHQL | Yes | 1326621 | 6.2.0.8900 |
| btwaudio64.cat | Yes | WHQL | Yes | 1326629 | 6.2.0.8900 |
| btwavdt64.cat | Yes | WHQL | Yes | 1324460 | 6.2.0.8700 |
| btwrchid64.cat | Yes | WHQL | Yes | 1322334 | 6.2.0.8400 |
| frmupgr64.cat | Yes | WHQL | Yes | 1326623 | 6.2.0.8900 |
| btwl2cap64.cat | Yes | WHQL | Yes | 1324046 | 6.2.0.8600 |
| btwsecfl64.cat | Yes | WHQL | Yes | 1321834 | 6.2.0.8200 |
| bcbthid64.cat | Yes | WHQL | Yes | 1317542 | 6.2.0.7500 |
| bcbtums-x64-brcm.cat | Yes | WHQL | Yes | 1326730 | 6.2.0.8900 |

Resolved Defects

Critical

BLTH00170682

Subsystem: (UI) Bluetooth

Headline:

synch settings are not preserved after reboot

Release Note:

Added file to correct branch.

BLTH00170867

Subsystem: Other

Headline:

Added Vid_044e&Pid_3017 to the bcbtums files

Release Note:

Added Vid_044e&Pid_3017 to the bcbtums files

BLTH00173266

Subsystem: BT Configuration

Headline:

BT Control panel PIM interface tab crashes control panel

Release Note:

Fixed crash because of stack corruption

Resolved Defects

Major

BLTH00169185

Subsystem: Driver

Headline:

Need new PID to be added into filter driver btusbflt.inf

Release Note:

Added strings to file.

BLTH00169186

Subsystem: Driver

Headline:

Need new VID/PID to be added into DFU driver frmupgr.inf

Release Note:

Added strings to file.

BLTH00169295

Subsystem: Other

Headline:

BTW VDP: dynamically register and un-register the VDP filter when connection established and closed.

Release Note:

The VDP filter is now registered when the device pairs with a device which has the VDP source service. It is not registered by default during installation.

BLTH00169626

CSP-222890

Subsystem: Unknown

Headline:

The HP BlueTooth, uninstall UI is not localized on EN_NL build.

Release Note:

Modified code to set uninstall language to be that of the installed language.

CSP URL:

<https://support.broadcom.com/IMS/Main.aspx?Page=MyCasesDisplay&IssueID=22289>

Resolved Defects

Major

BLTH00169920

Subsystem: Driver

Headline:

Some words cut off under BT FTP wizard on DE image

Release Note:

FTP windows height has been increased

BLTH00170415

Subsystem: Driver

Headline:

btwaudio fails new WLK DRM test

Release Note:

btwaudio was failing WLK DRM test, complaining about btaudio.sys. btwaudio.inf contained 2 references to btaudio.sys, which was the BTW 5.x version of the audio driver, this caused the test failure. Corrected both to btwaudio.sys

BLTH00170530

Subsystem: Driver

Headline:

Need new VID/PID to be added into filter driver btusbflt.inf

Release Note:

Added strings to file.

BLTH00170658

Subsystem: Driver

Headline:

AV AutoConnect to Bluetooth Loudspeakers

Release Note:

Enable auto-connect for the loudspeakers device class. Also fix a minor issue with the device class mask.

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Resolved Defects

Major

BLTH00170764 **CSP-224049** **Subsystem:** **Unknown**

Headline:

[BTW 6.2] : "Turn Bluetooth Adapter Off" item on BTW taskbar icon menu

Release Note:

Modified custom.ini configuration

CSP URL:

<https://support.broadcom.com/TMS/Main.aspx?Page=MyCasesDisplay&IssueID=224049>

BLTH00171067 **Subsystem:** **Stack Server**

Headline:

The message displayed on BTW system is incorrect when a mail is received from any folder other than Inbox on sender.

Release Note:

The message displayed on BTW system is correct when a mail is received from any folder other than Inbox on sender.

BLTH00171189 **Subsystem:** **Driver**

Headline:

BTWAUDIO SBC Decoder Integrity Checks

Release Note:

Prevented Sony dump like infinite loops in the BTWAUDIO driver.

BLTH00171236 **DF295194** **Subsystem:** **Driver**

Headline:

BTWUIExt has Stopped, When pairing to a Mono Headset on BTW 6.2.0.8500

Release Note:

There was a race condition between the callback from stack and ui getting initialized. I have fixed the issue.

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Resolved Defects

Major

BLTH00171711

Subsystem: Other

Headline:

BTW install program does not recognize [RecoveryScreenImages] INI setting

Release Note:

Corrected ini section checking.

BLTH00172766

Subsystem: Driver

Headline:

Need new PID to be added into filter driver btusbflt.inf

Release Note:

Updated pid/vid

BLTH00173089

Subsystem: Driver

Headline:

Need new PID to be added into filter driver btusbflt.inf

Release Note:

Updated pid/vid

BLTH00173173

Subsystem: Unknown

Headline:

Bluetooth can't transfer .ics windows calendar file

Release Note:

Bluetooth can transfer .ics (version 2.0) windows calendar file

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Resolved Defects

Major

BLTH00173224

Subsystem: BTConnectionWizard

Headline:

Using Send to transfer jpegs for unpaired units

Release Note:

Using Send to transfer jpegs for unpaired units works

BLTH00173298

Subsystem: Driver

Headline:

btusbflt.inf, addition of new VID&PIDs

Release Note:

Updated pid/vid

Resolved Defects

Minor

BLTH00144835

Subsystem: Other

Headline:

UPF: If AV is streaming then we should send Pause first instead of Play.

Release Note:

The BTW Metaplayer send correct action when source side doesn't support AVRC 1.3

BLTH00165260

Subsystem: OEM Ready

Headline:

Bad or missing handle checks from CreateEvent

Release Note:

Fixed bad and missing handle checks for CreateEvent.

BLTH00169292

Subsystem: BT Configuration

Headline:

Doing sync causes changes to the global settings

Release Note:

Modified code to not save settings change session sync dialog into global settings.

BLTH00169774

Subsystem: Installation

Headline:

Add new text string to localized ini files.

Release Note:

Added strings from Linda Fenton to all appropriate locale custom.ini files.

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Resolved Defects

Minor

BLTH00170152

Subsystem: Stack Server

Headline:

The meta player play/ pause button and the audio progress bar are behaving incorrectly

Release Note:

The defect has been fixed.

BLTH00170622

Subsystem: Unknown

Headline:

Uninstall should not request user to close Outlook

Release Note:

Fixed issue internally with proper build file inclusion.

BLTH00171547

Subsystem: Driver

Headline:

Make BTW 6.2 drivers not installable on the server versions of Windows

Release Note:

Make MSFT BT stack related INFs usable on the client versions of Windows only.

BLTH00172162

Subsystem: Localization

Headline:

%s missing in french resource

Release Note:

%s added

Resolved Defects

Minor

BLTH00172608

Subsystem: Other

Headline:

Removing warning in windows\btinsint.cpp

Release Note:

fixed

BLTH00172743

Subsystem: Driver

Headline:

Low power filter support for Toshiba devices

Release Note:

Introduced a timer to take care of the case of devices not replying to the BLPM commands.

BLTH00172905

Subsystem: Stack Server

Headline:

Modem sharing option is not installed in Czech language.

Release Note:

Corrected check of services.

BLTH00173264

Subsystem: Stack Server

Headline:

Stack server consumes processor time in some conditions

Release Note:

Defect is fixed when Stack server consumes processor time in some conditions

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Resolved Defects

Enhancements

BLTH00131668

Subsystem: (UI) Bluetooth

Headline:

When we send the file to the phone and user does not open directory tree we should use OPP rather than FTP

Release Note:

If user is at the root folder then files will now be sent via OPP/BIP.

BLTH00143389

Subsystem: Other

Headline:

Change OEM folder names to match new customer names

Release Note:

Updated OEM folder name

BLTH00168664

Subsystem: Tools

Headline:

Test Harness 1.0.0.4 Updates to Configuration File Parsing and Log Output

Release Note:

The fixes and enhancements noted in the description are included with version 1.0.0.4 of the Test Harness.

BLTH00170768

Subsystem: BT Configuration

Headline:

Set the default mode to be always discoverable

Release Note:

Set the default discoverability to ON for MS stack unless configured to OFF thru custom.ini setting
Discoverable=N

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Resolved Defects

Enhancements

BLTH00173315

Subsystem: Tools

Headline:

BT Push 1.0.0.3 Updates to Calculate Throughput of Files Transferred

Release Note:

The changes noted in the description have been included for BT Push version 1.0.0.3.
