



BTW 6.2.0.9450-9600

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: u:\BTW\btw1.2\bin\drivers

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

Driver:	Signed?	Signature:	Valid?	SubmissionID:	Version:
btusbflt.cat	Yes	WHQL	Yes	1332974	6.3.0.300
btwaudio.cat	Yes	WHQL	Yes	1335790	6.2.0.9500
btwavdt.cat	Yes	WHQL	Yes	1335308	6.2.0.9451
btwrchid.cat	Yes	WHQL	Yes	1335309	6.2.0.9451
frmupgr.cat	Yes	WHQL	Yes	1334946	6.2.0.9500
btwl2cap.cat	Yes	WHQL	Yes	1334971	6.2.0.9500
btwsecfl.cat	Yes	WHQL	Yes	1335503	6.2.0.9451
bcbthid32.cat	Yes	WHQL	Yes	1335318	6.2.0.9500
bcbtums-Vistax86-brcm.cat	Yes	WHQL	Yes	1333585	6.2.0.9000
bcbtums-win7x86-brcm.cat	Yes	WHQL	Yes	1333585	6.2.0.9000

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

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

Driver:	Signed?	Signature:	Valid?	SubmissionID:	Version:
btusbflt64.cat	Yes	WHQL	Yes	1332974	6.3.0.300
btwaudio64.cat	Yes	WHQL	Yes	1335790	6.2.0.9500
btwavdt64.cat	Yes	WHQL	Yes	1335308	6.2.0.9451
btwrchid64.cat	Yes	WHQL	Yes	1335309	6.2.0.9451
frmupgr64.cat	Yes	WHQL	Yes	1334946	6.2.0.9500
btwl2cap64.cat	Yes	WHQL	Yes	1334971	6.2.0.9500
btwsecfl64.cat	Yes	WHQL	Yes	1335503	6.2.0.9451
bcbthid64.cat	Yes	WHQL	Yes	1335318	6.2.0.9500
Bcbtums-Vistax64-brcm.cat	Yes	WHQL	Yes	1333585	6.2.0.9000
bcbtums-win7x64-brcm.cat	Yes	WHQL	Yes	1333585	6.2.0.9000

Resolved Defects

Critical

BLTH00181273

Subsystem: Unknown

Headline:

2070 WHQL for 43225 and 4312

Release Note:

2070 WHQL for 43225 and 4312
2070 WHQL for 3.3V Family Logo- 6.2

BLTH00182696

Subsystem: Stack Server

Headline:

AVRCP Invalid PDU ID

Release Note:

The defect has fixed, BTW sends correct code when they send PDU type 0xFF

BLTH00183644

Subsystem: Driver

Headline:

WLK Test BTWAUDIO Driver by Zero BSOD

Release Note:

Avoid the division by zero in the frame send calculations.

BLTH00184908

Subsystem: Driver

Headline:

Signed files checkin for btl2cap, btwavdt, btwrchid, btwsecfl and bcbthid

Release Note:

Signed files checkin for btl2cap, btwavdt, btwrchid, btwsecfl and bcbthid

Resolved Defects

Major

BLTH00177258

Subsystem: Documentation

Headline:

Region and Language Help and Support links not working properly

Release Note:

This is currently disabled because there is no documentation on how to proceed on win7. Until that information is available the help subsystem is disabled on Wn7.

BLTH00179952

Subsystem: Installation

Headline:

Setup.exe does not create log in folder specified by /f2 param

Release Note:

Corrected parameter parsing to create log in folder specified by /f2<path>. If the full path is not specified, the log is created in same folder as setup.exe, For example
setup.exe /f2btw.log
will create btw.log in same folder as setup.exe.

BLTH00180135

Subsystem: Other

Headline:

Fixes for Win7 SW Logo certification

Release Note:

Added manifest to missing 64 bit BtTray configuration, and added digital signatures to all DLLs.

BLTH00180508

Subsystem: Unknown

Headline:

PBAP: Second PBAP Connection Attempt Returns OBX_RSP_UNAUTHORIZED

Release Note:

Corrected logic when a Device is being removed to preserve the "Allow Contact Access" when it had been previously set.

Resolved Defects

Major

BLTH00181272**Subsystem: Other****Headline:**

After system comes back from sleep, Ftp does not work.

Release Note:

BtStackserver create resume event when going to sleep, and signal and close the event after resume. Sendto waits for resume event, will display the error message waits timeout. From trace, the event got created and never signaled and closed from stackserver.

move event signal/close code into btcomif when device up

BLTH00181562**Subsystem: Driver****Headline:**

Sendto Bluetooth displays wrong icon

Release Note:

Windows does not recognize Icon our sendto object file type .btwsendto , so the windows use default icon to display it. Fix is to specify the icon in btrez to use for the file type.

BTWSendtoExplorer.rgs

BLTH00182299**Subsystem: Other****Headline:**

BTW VDP filter registration uses wrong BTW folder location (BTW 6.2)

Release Note:

Changed code to get install folder location from registry

Resolved Defects

Major

BLTH00182320

Subsystem: Installation

Headline:

please modify the installer so that the BTW S/W can be installed to PC without the BT module

Release Note:

Update Custom.ini files to install w/o device.

BLTH00183499

Subsystem: Driver

Headline:

Need to update date in INF version for Win7 drivers

Release Note:

Updated version and date in INF files for Win7 submission

BLTH00183574

Subsystem: Driver

Headline:

BTTray error after dashing Windows 7 image

Release Note:

Remove the need for stack server to wait for sendto registration.

BLTH00183766

Subsystem: (UI) Bluetooth

Headline:

BTWUIExt crashes on win7 when device of unknown type is paired.

Release Note:

This was because of the fact that the insight test tool was exposing a random device class and ui code was not handling it well. Fixed it to show unknown device icon from bthprops.cpl

Resolved Defects

Major

BLTH00184814

Subsystem: Localization

Headline:

Win7 Software Logo fixes - localized resource DLLs not digitally signed

Release Note:

Added Broadcom signature to DLLs missing from main build folder signing.

Resolved Defects

Minor

BLTH00182241

Subsystem: Driver

Headline:

Add peripheral devices

Release Note:

Added MAP, Imaging Archive and Imaging Reference to avoid unknown peripheral devices

Resolved Defects

Enhancements

BLTH00183561

Subsystem: Driver

Headline:

Audio driver DTM testing

Release Note:

Most of the DTM issues are resolved.

BLTH00184981

Subsystem: Driver

Headline:

Audio driver DTM testing

Release Note:

Most of the DTM issues are resolved.
