



## **Release Notes**

BTW 6.0.1.3500

December 01, 2006

---

***Confidential and Proprietary Information***

---

© Broadcom Corp., 2004, All rights reserved.  
Printed in United States of America.  
15435 Innovation Drive  
San Diego, CA 92128  
Phone: (858) 385-8800  
Fax: (858) 385-8810

---

## LICENSED SOFTWARE

---

© Copyright 2004, Broadcom® Corporation ("Broadcom"). All rights reserved.

### WARNING:

This software and accompanying documentation are protected by copyright law and international treaties. Unauthorized reproduction or distribution of this software, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.

Use of this software is governed by the terms of the end user license agreement that accompanies or is included with such software. Unless otherwise noted in the end user license agreement, or herein, no part of the documentation accompanying this software, whether provided in printed or electronic form may be reproduced in any form, or stored in a database or retrieval system, or transmitted in any form or by any means, or used to make any derivative work (such as translation, transformation, or adaptation) without the express, prior written consent of Broadcom.

### Trademarks

Broadcom® and the pulse logo are trademarks of Broadcom Corporation and/or its subsidiaries in the United States and certain other countries. Microsoft® and Windows® are trademarks of Microsoft Corporation. Bluetooth® is a trademark of the Bluetooth SIG. Any other trademarks mentioned are the property of their respective owners.

## Issues addressed in BTW 6.0.1.3500

---

**BLTH00074984****DFU Wizard**

DFU Wizard 2037 support

**Release Note:**

Added for 2037 HID DFU.

---

**BLTH00075671****Unknown**

Windows speech recognition software does not work correctly with Bluetooth headset

**Release Note:**

Provide support for RENDER and CAPTURE modes in VoiceDemandNotification

---

**BLTH00076018****Installation**

Support upgrade for Vista Profile Pack

**Release Note:**

Support upgrade from a prior Vista profile pack release.

---

**BLTH00076136****Driver**

Add Stardust VID/PID to filter driver inf

**Release Note:**

The Dell Stardust VID/PID is added in filter driver inf.

---

**BLTH00076174****DFU Wizard**

DFU wizard: The DiRollbackDriver doesn't function if the device is not present

**Release Note:**

Added long delay before uninstall filter driver

---

**BLTH00076184****Unknown**

Telephony Audio Gateway service on 64 bit can't be visible from 32 bit machine.

**Release Note:**

Defect is fixed when audio page of the applet does not show HSP AG service if before that dongle was changed on different type.

---

**BLTH00076191****Driver**

Provide SDP Config for the BTWAVDT Driver

**Release Note:**

Added the new BTWAVDT\_AV\_CONFIGURE\_SDP DeviceIoControl and related infrastructure.

---

**BLTH00076204****Driver**

Add DFU VID/PID for Kensington

---

**Release Note:**

Added new DFU VID/PID for Kensington

---

**BLTH00076298****Unknown**

BTW installs even without bluetooth in unit

**Release Note:**

Install customization for disallowing silent install w/o device being present.

---

**BLTH00076343****Other**

Attaching the dongle causes updating of the BTW media drivers

**Release Note:**

Defect is fixed when attaching the dongle caused updating of the BTW media drivers

---

**BLTH00076362****Installation**

Runtime error when trying to install BTW while an older version exists

**Release Note:**

Fixed crash due to trace logging.

---

**BLTH00076366****BT Explorer**

Explorer does not show remote FTP folder content after logoff-logon-standby-resume

**Release Note:**

Defect is fixed when explorer does not show remote FTP folder content after logoff-logon-standby-resume

It was bug in the initializing of the device cache of the namespace extension.

---

**BLTH00076369****unknown**

Sound goes to the wrong (SPDIF) audio output device when connecting to Headset /AG service of

**Release Note:**

Fixed selecting default device to play music to when PC performs as a headset or AV headset

---

**BLTH00076431****Other**

Merge Cr <scm-bmt-autobuilder>

**Release Note:**

Merge Cr

---

**BLTH00076432****Stack Server**

Should not try to install LAP

**Release Note:**

fixed the code not to install LAP

## 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] [/nostartbtw]

/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)

**/nostartbtw - Do not start Bluetooth apps automatically after install. The executables btray.exe and btstackserver.exe will not be started after install. They will run after user logs off/logs on or reboots.**

/L -Installation language

<LangId> can be one of the following

1033: English

1046: Portuguese

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

/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

**Pre-Installation Notices**

- 1. User must be logged on as administrator to install BTW. If non-administrative user is logged on and starts install, and then inputs administrator password, BTW will not install correctly.
- 2. If the system is configured to share contacts between Outlook Express and Microsoft Outlook, Outlook Express will not be shown as one of the options for PIM Item Transfer for business cards.
- 3. Install Shield Developer Premier 10.5 is required to build the BTW Release.
- 4. If end user stops the DFU process in the middle of the DFU upgrade, the BT device will stay in DFU upgrade mode. This will prevent the user from using the BT mouse/keyboard and the user will need to use wired mouse/keyboard in order to restart the DFU and complete upgrade process. You will then be able to use Bluetooth mouse/keyboard again.
- 5. Prior to installing BTW: Open Windows Explorer -> Tools -> Folder Options -> Check box "Launch folder windows in separate process". This will ensure that the task bar is always visible.

**Post-Installation Notices**

- 1. Volume level is set to maximum by default for Bluetooth Audio, once changed; it will retain its new setting.
- 2. In order to see traces in SpyLite, you will need to logoff of user account and log back in.

Create this registry entry:  
[DWORD HKCU\Software\WIDCOMM\BTConfig\Debug\LogIPAddr = 0x7f000001](#)  
Reboot.

**Driver Versions**

BTW 6.0			
Driver	Description	Date	Version
btwrchid.inf	Bluetooth Remote Control	11/29/2006	6.0.1.3500
buaudio.inf	Bluetooth handsfree Audio and Stereo Audio	11/29/2006	6.0.1.3500

## Open Issues

ID	headline_1	FW version found	SW version Found
BLTH00076208	Using Microsoft Office Send To Bluetooth function when module is turned OFF (hard or soft) causes Word,Excel,Access,Outlook, etc. to crash	BCM2045B1_002.001.216	BTW_MP_06.00.01.34.00
BLTH00076216	Sending an Access Database File Using Send To is Unsuccessful	N/A	BTW_MP_06.00.01.34.00
BLTH00072959	Unable to connect to HCRP Server from Vista	BCM2045B1_002.001.193	BTW_MP_06.00.01.23.00
BLTH00076567	Volume control inconsistent in HSP and A2DP connection	N/A	BTW_MP_06.00.01.34.00
BLTH00076581	Office intergration cleans up clipboard on startup and may crash outlook	N/A	BTW_6.0.1.2100
BLTH00076610	Sync to Vista Server is Unsuccessful from XP Client	N/A	BTW_MP_06.00.01.35.00
BLTH00076612	Upgrading or installing same version gives error message but installs anyway	N/A	BTW_MP_06.00.01.35.00
BLTH00076308	Create Folder Replace Dialog for Vista	N/A	BTW_MP_06.00.01.34.00
BLTH00076458	Need to add the following test to BlueConformance app	N/A	BTW_MP_06.00.01.31.00
BLTH00076453	Single installer for Entwood/Stardust	N/A	BTW_MP_06.00.01.35.00
BLTH00073134	"Send to Bluetooth" option missing from Microsoft Office application in 64-bit Vista	N/A	BTW_MP_06.00.01.22.00
BLTH00073224	Apostrophy in the file name	N/A	BTW_MP_06.00.01.23.00
BLTH00073226	Apostrophy in the file name	N/A	BTW_MP_06.00.01.23.00
BLTH00073622	UPF25: Support for pictures in contact / business card.	N/A	BTW_MP_06.00.01.23.00
BLTH00072452	Stereo Audio driver does not switch when connecting to another BTW PC Audio Sink service.	N/A	BTW_6.0.1.2100
BLTH00073782	create and sign .cat file for frmupgr and btusbflt during build for both Vista and XP	N/A	BTW_MP_06.00.01.25.00
BLTH00074595	PIM Interface Does Not Default to Microsoft Outlook after Office Installation	N/A	BTW_MP_06.00.01.28.00
BLTH00074900	Subsequent PIM Sync between Windows Mail and Outlook does not work	BCM2045B1_002.001.211	BTW_MP_06.00.01.28.00
BLTH00071552	Can't connect Bluetooth Stereo Audio	N/A	BTW_MP_06.00.01.19.00
BLTH00062944	OBEX headers needs to allow for more than 3 Application Parameter entries	N/A	BTW_MP_06.00.01.01.00
BLTH00072618	Bi-directional ftp between 5.1 and 6.0 fails	N/A	BTW_MP_06.00.01.21.00
BLTH00072661	Windows Mail is Missing "Send To...Bluetooth" (Broadcom implementation) option and Right Clicking on Calendar Item also Does Not Display Send to (Microsoft Implementation) Option	N/A	BTW_MP_06.00.01.21.00
BLTH00069794	BPP doesn't work on Vista	N/A	BTW_6.0.1.900
BLTH00074676	Bluetooth Icon (shortcut) is No Longer Available from Customization Window	N/A	BTW_MP_06.00.01.28.00
BLTH00076363	PIM item transfer drops (or incorrectly parses) information when receiving calendar vcs items.	N/A	BTW_PP_06.00.01.31.01
BLTH00076282	No BPP service on Vista	N/A	BTW_MP_06.00.01.29.00
BLTH00076381	Send To from Word Causes for Application to Crash	N/A	BTW_MP_06.00.01.35.00
BLTH00074992	Copying file from shared network folder through PAN Fails with HIDs connected	BCM2045B1_002.001.211	BTW_MP_06.00.01.29.00
BLTH00076423	"Bluetooth Stack Comm server" volume icon appears when connecting headset service	N/A	BTW_MP_06.00.01.31.00
BLTH00075129	No driver found when connecting to BT Access Point	N/A	BTW_MP_06.00.01.29.00
BLTH00074405	Transfer attempt should fail right away if you cancel pairing from client side.	N/A	BTW_MP_06.00.01.26.00
BLTH00069797	When OPP connection to the Outlook fails it takes 60 seconds to tell client	N/A	BTW_6.0.1.1100
BLTH00069801	Progress bar for FTP operations	N/A	BTW_6.0.1.1100
BLTH00075258	Trying to transfer files from two units two one remote unit causes a error establishing connection	N/A	BTW_MP_06.00.01.31.00
BLTH00070473	BIP Pull--Vista 64 Bit, Cannot Pull a Picture from Profile Pack	N/A	BTW_MP_06.00.01.14.00
BLTH00071898	Send To Wizard in Internet Explorer Appears Distorted	N/A	BTW_PP_06.00.01.20.01
BLTH00073016	Microsoft Office on 64 Bit System Does Not Incorporate "Send to....Bluetooth" Option	N/A	BTW_MP_06.00.01.21.00
BLTH00073214	Localization issue Spanish Vlsta 32 bit ( Installation windows are found in english language )	BCM2045B1_002.001.092	BTW_MP_06.00.01.23.00
BLTH00073215	Localization Issue for german Vista OS (BTW Installation windows are displayed in English)	BCM2045B1_002.001.092	BTW_MP_06.00.01.23.00
BLTH00073775	No UI function found for PIM Synchronisation on 6.0.1.2500	N/A	BTW_MP_06.00.01.25.00
BLTH00074536	Telephony audio gateway service not found.	N/A	BTW_MP_06.00.01.27.00

BLTH00074643	When music is playing and Skype call is going out music is not suspended correctly	N/A	BTW_MP_06.00.01.27.00
BLTH00072132	Localization issue for German vista 64 bit (The Bluetooth exchange folder path is displayed in english)	N/A	BTW_MP_06.00.01.20.00
BLTH00072141	Localization Issue Vista 64 bit Spanish - File transfer does not involve the wizard	N/A	BTW_MP_06.00.01.20.00
BLTH00072142	Localization Issue Vista 64 bit German File transfer does not involve the wizard	N/A	BTW_MP_06.00.01.20.00
BLTH00072633	Localization Issue (Japanese vista 32 bit OS _click on help link for Audio tab,PIM Tab,share tab)	BCM2045B1_002.001.092	BTW_MP_06.00.01.22.00
BLTH00072635	Localization issue Spanish vista 32 bit OS ( Share Tab)	BCM2045B1_002.001.092	BTW_MP_06.00.01.22.00
BLTH00072636	Localization issue windows vista 32 bit Spanish Os (PIM interface tab)	N/A	BTW_MP_06.00.01.22.00
BLTH00074833	?????? found while installing 6.0.1.2800 on vista (RC2 ultimate package-Japanese Os).	N/A	BTW_MP_06.00.01.28.00
BLTH00074310	Add hook for Multimedia keys to work correctly with background RealPlayer, iTunes, MusicJukbox	N/A	BTW_MP_06.00.01.26.00
BLTH00071926	File send requires a passkey on both systems even if we choose dont use passkey in the Bluetooth file transfer wizard.	N/A	BTW_MP_06.00.01.20.00
BLTH00074427	HP DJ450 bluetooth printer not working after laptop system resume from S3	N/A	BTW_MP_06.00.01.31.00
BLTH00074178	Cannot connect to BLUETAKE i-PHONO (BT420Ex) as a AV Headset.	N/A	BTW_MP_06.00.01.19.00
BLTH00074282	Drag Drop of Email and Calendar Item Displays '#####' Instead of PIM Item Info	N/A	BTW_MP_06.00.01.26.00