BROADCOM

Release Notes

BTW 6.0.1.5000

May 04, 2007

Confidential and Proprietary Information

LICENSED SOFTWARE

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.

Issues addressed in BTW 6.0.1.5000

ID: BLTH00082962 **Subsystem:** Unknown

Headline: AVRCP actions are repeated when iTunes is in the background

Release Note:

Fix for iTunes duplicating events

ID: BLTH00083100 **Subsystem:** Localization

Headline: Help document display simplified Chinese under Vista Traditional Chinese version

Release Note:

Corrected help files.

ID: BLTH00083337 **Subsystem:** Tools

Headline: changes to the btw security app

Release Note:

The feature has been added.

ID: BLTH00083752 **Subsystem:** Other

Headline: Automatic radio state control

Release Note:

New BtwRSupport.Dll functions which will automatically set the state of the radio on every bootup to the last user specified state or ON if unknown.

ID: BLTH00084227 **Subsystem:** (UI) Bluetooth Neighborhood

Headline: btsendto_office causes visio to crash on exit. This is number one crash in visio and has

Release Note:

need to followup with Microsoft on how to make the fix available. They have agreed to publish a kb article and put a link in dr watson crash report to http://update.broadcom.com for users to download latest build.

ID: BLTH00084618 **Subsystem:** Stack Server

Headline: RFCOMM port read thread handles events only when PORT_EV_RXCHAR is set

Release Note:

Minor defect is fixed related to RFCOMM

ID: BLTH00084643   **Subsystem:** Other

Headline: Service btwdins scans for MSFT devices every second

Release Note:

Fixed defect when sometimes BT service scans for MSFT devices every second and prints trace

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ID: BLTH00084951   **Subsystem:** Unknown

Headline: Error pops up "Incorrect Permission" when granting permission for FTP transfer

Release Note:

Defect is fixed which was preventing of using Documents folder (and some other other) as Bluetooth Exchange Folder

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ID: BLTH00085016   **Subsystem:** Installation

Headline: Manage radio on/off state

Release Note:

- Installer will turn on the radio if its off
- Uninstall will turn on the radio if its off
- During every reboot/log on the radio state will be set to correct state as was configured by user.

ID: BLTH00085438   **Subsystem:** Other

Headline: Merge Cr <scm-bmt-autobuilder>

Release Note:

Merge Cr

ID: BLTH00085445   **Subsystem:** Other

Headline: Process device change messages more efficiently for 6.0

Release Note:

Process device change messages more efficiently.

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 - Does not start Bluetooth apps automatically after install. The executables bttray.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	2/22/2007	6.0.1.4400
btwaudio.inf	Bluetooth handsfree Audio and Stereo Audio	3/29/2007	6.0.1.4900

Open Issues

ID	headline_1	FW version found	SW version Found
BLTH00074427	HP DJ450 bluetooth printer not working after laptop system resume from S3	N/A	BTW_MP_06.00.01.31.00
BLTH00085140	Error pops up "Incorrect Permission" when granting permission for FTP transfer	N/A	BTW_PP_06.00.01.49.00
BLTH00085759	Bluetooth radio has exclamation mark after system resuming from S3 with hotfix KB925528 installed	BCM2045B1_002.001.211	BTW_PP_06.00.01.49.00
BLTH00086138	Two PANU fails to connect same time to Server.	N/A	BTW_PP_06.00.01.50.00
BLTH00086139	Not able to access Internet on client System .	N/A	BTW_PP_06.00.01.50.00
BLTH00086140	Authorization window does not appear on Server when connected with Stereo Audio.	N/A	BTW_PP_06.00.01.50.00
BLTH00086141	System ask for Link key if paired for second time.	N/A	BTW_PP_06.00.01.50.00
BLTH00086143	Auto Connect fails on SPP	N/A	BTW_PP_06.00.01.50.00
BLTH00074900	Subsequent PIM Sync between Windows Mail and Outlook does not work	BCM2045B1_002.001.211	BTW_PP_06.00.01.47.00
BLTH00077320	Drag Drop of PIM Item (Calendar from Windows Calendar) is Unsuccessful	N/A	BTW_MP_06.00.01.36.00
BLTH00072618	Bi-directional ftp between 5.1 and 6.0 fails	N/A	BTW_MP_06.00.01.45.00
BLTH00069794	BPP doesn't work on Vista	N/A	BTW_6.0.1.900
BLTH00074310	Add hook for Multimedia keys to work correctly with background RealPlayer, iTunes, MusicJukbox	N/A	BTW_MP_06.00.01.26.00
BLTH00077685	FTP: Multi Put from 2 clients to 1 server is unsuccessful	N/A	BTW_MP_06.00.01.36.00
BLTH00077686	FTP: Multi GET from 2 clients from 1 server is unsuccessful.	N/A	BTW_MP_06.00.01.36.00
BLTH00077720	HCRP-Connecting to XP HCRP Server Lists "Imaging Responder" Service Twice	N/A	BTW_MP_06.00.01.36.00
BLTH00077953	Add Tecom Bluetooth VID/PID	N/A	BTW_MP_06.00.01.37.00
BLTH00076308	(Requires resource changes) Create Folder Replace Dialog for Vista	N/A	BTW_MP_06.00.01.34.00
BLTH00073226	Apostrophy in the file name	N/A	BTW_MP_06.00.01.23.00
BLTH00081190	ITunes plugin	N/A	BTW_MP_06.00.01.44.00
BLTH00081232	For RFCOMM based services make possible to create few incomming connection	N/A	BTW_MP_06.00.01.44.00
BLTH00081266	Add OBEX Authentication Challenge processing to OBEX server (BTW)	N/A	BTW_MP_06.00.01.44.00
BLTH00080616	Pulling a folder and it always creates BTN%2%Copy folder.	N/A	BTW_MP_06.00.01.43.00
BLTH00080410	Need workaround for Skype constantly changing volume	N/A	BTW_PP_06.00.01.38.89
BLTH00080406	Sync enhancement to support Skype	N/A	BTW_6.0.1.2100
BLTH00073622	UPF25: Support for pictures in contact / business card.	N/A	BTW_MP_06.00.01.23.00
BLTH00080572	In PIM Interface tab,the default is NOT set to "Do Not Accept" for business card.	N/A	BTW_MP_06.00.01.42.00
BLTH00084535	BTW 6.0.1 doesn't work with BCM2035 based dongle	N/A	BTW_MP_06.00.01.34.00
BLTH00077327	OPP:Drag dropping PIM Item (Email from Windows Mail) is unsuccessful.	N/A	BTW_MP_06.00.01.36.00
BLTH00062944	OBEX headers needs to allow for more than 3 Application Parameter entries	N/A	BTW_MP_06.00.01.01.00
BLTH00077143	Bluetooth COM Server Crash after Attempting to Reinstall BTW Software	N/A	BTW_MP_06.00.01.36.00
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
BLTH00074676	Bluetooth Icon (shortcut) is No Longer Available from Customization Window	N/A	BTW_MP_06.00.01.28.00
BLTH00084065	The description of "Bluetooth Security Code" is cut off in Japanese OS	N/A	BTW_MP_06.00.01.31.00
BLTH00080986	BIP remote camera client	N/A	BTW_MP_06.00.01.44.00
BLTH00081026	Can't hear AV music after HF connects after connecting HF after streaming music.	N/A	BTW_MP_06.00.01.42.00
BLTH00085894	Hands-free autoconnect	N/A	BTW_6.0.1.900
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	N/A	BTW_MP_06.00.01.31.00

	connection		
BLTH00071898	Send To Wizard in Internet Explorer Appears Distorted	N/A	BTW_PP_06.00.01.20.01
BLTH00082580	Send To of PIM Item is Received as "?????" Item, Instead of Displaying Japanese Characters	N/A	BTW_PP_06.00.01.47.00
BLTH00080746	BPP client	N/A	BTW_MP_06.00.01.44.00
BLTH00078751	PIM Interface Does Not Default to Microsoft Outlook after Office Installation	N/A	BTW_MP_06.00.01.38.00
BLTH00076458	Need to add the following test to BlueConformance app	N/A	BTW_MP_06.00.01.31.00
BLTH00081961	Broken Korean Character	BCM2045B1_002.001.092	BTW_PP_06.00.01.46.00
BLTH00079539	Localization_issue_japanese Os. English languages are found for SYNCL ML and OBEX obeject push when SE W550i is paired	N/A	BTW_MP_06.00.01.40.00
BLTH00080063	Intermittent BSOD during DFU on clean machine.	N/A	BTW_MP_06.00.01.42.00
BLTH00076667	Add Stardust VID/PID to filter driver inf	N/A	BTW_MP_06.00.01.35.00
BLTH00079793	After adding a PC ' audio source ' in the services tab is dispalyed in english language. This is seen in all language packs.	N/A	BTW_MP_06.00.01.40.00
BLTH00079796	After adding SE W550i cell phone ' OBEX SYNC ML Client ' in the services tab is dispalyed in english language. This is seen in all language packs.	N/A	BTW_MP_06.00.01.40.00
BLTH00079806	Localization :unistalaltion windows are displayed in english	N/A	BTW_MP_06.00.01.40.00
BLTH00080408	AV + HFP, HF reject the call, music is still paused	N/A	BTW_6.0.1.900
BLTH00077765	SCO connection is created sometimes when Service Level Connection is complete	N/A	BTW_PP_06.00.01.36.90
BLTH00085090	BTW PBAP Call Logging and Phone Interface Additions(6.2)	N/A	BTW_6.0.1.900
BLTH00080104	BTW PBAP Call Logging	N/A	BTW_6.0.1.900
BLTH00073775	No UI function found for PIM Synchronisation on 6.0.1.2500	N/A	BTW_MP_06.00.01.25.00
BLTH00081521	Add Broadcom download support in DFU Wizard on Vista	N/A	BTW_MP_06.00.01.44.00
BLTH00082116	Installer screens displayed in English for all languages after webupdate for BTW 6.0 is performed	N/A	BTW_MP_06.00.01.44.00
BLTH00081782	New hardware pop up window appered while adding printer	BCM2045B1_002.001.231	BTW_PP_06.00.01.48.00
BLTH00081819	Bluetooth HandsFree Audio and strange behavior when connecting	N/A	BTW_MP_06.00.01.45.00
BLTH00078000	Dongle does not get detected after burning.	N/A	BTW_MP_06.00.01.37.00
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
BLTH00085983	Audio gateway Sound quality is not good,Some noisy sound heard along with the music played.	BCM2045B3_002.003.014.0365.0367	BTW_PP_06.00.01.50.00
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
BLTH00085763	Multiserver connection for FTP fails for Opal FW .	BCM2045B3_002.003.014	BTW_PP_06.00.01.50.00