



BTW 5.5.0.3700

Release Notes

June 17, 2008

Confidential and Proprietary Information

© Broadcom Corp., 2008, All rights reserved.
Printed in United States of America.
16340 West Bernardo Drive
San Diego, CA 92127
Phone: (858) 385-8800
Fax: (858) 385-8810

LICENSED SOFTWARE

©200x Broadcom Corporation

This program is the proprietary software of Broadcom Corporation and/or its licensors, and may only be used, duplicated, modified or distributed pursuant to the terms and conditions of a separate, written license agreement executed between you and Broadcom (an "Authorized License"). Except as set forth in an Authorized License, Broadcom grants no license (express or implied), right to use, or waiver of any kind with respect to the Software, and Broadcom expressly reserves all rights in and to the Software and all intellectual property rights therein. IF YOU HAVE NO AUTHORIZED LICENSE, THEN YOU HAVE NO RIGHT TO USE THIS SOFTWARE IN ANY WAY, AND SHOULD IMMEDIATELY NOTIFY BROADCOM AND DISCONTINUE ALL USE OF THE SOFTWARE.

Except as expressly set forth in the Authorized License,

1. This program, including its structure, sequence and organization, constitutes the valuable trade secrets of Broadcom, and you shall use all reasonable efforts to protect the confidentiality thereof, and to use this information only in connection with your use of Broadcom integrated circuit products.
2. TO THE MAXIMUM EXTENT PERMITTED BY LAW, THE SOFTWARE IS PROVIDED "AS IS" AND WITH ALL FAULTS AND BROADCOM MAKES NO PROMISES, REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, WITH RESPECT TO THE SOFTWARE. BROADCOM SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF TITLE, MERCHANTABILITY, NONINFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, LACK OF VIRUSES, ACCURACY OR COMPLETENESS, QUIET ENJOYMENT, QUIET POSSESSION OR CORRESPONDENCE TO DESCRIPTION. YOU ASSUME THE ENTIRE RISK ARISING OUT OF USE OR PERFORMANCE OF THE SOFTWARE.
3. TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL BROADCOM OR ITS LICENSORS BE LIABLE FOR (i) CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR EXEMPLARY DAMAGES WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATING TO YOUR USE OF OR INABILITY TO USE THE SOFTWARE EVEN IF BROADCOM HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES; OR (ii) ANY AMOUNT IN EXCESS OF THE AMOUNT ACTUALLY PAID FOR THE SOFTWARE ITSELF OR U.S. \$1, WHICHEVER IS GREATER. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

INTRODUCTION

BTW 5.5 is the latest release of Broadcom's complete Bluetooth solution (core Bluetooth stack, profiles and user interface) for Microsoft Windows XP Operating System personal computers. Leveraging the BTW 5.1 release, Broadcom's BTW 5.5 support the Bluetooth SIG's 2.1 specifications. The Bluetooth 2.1 specification includes the following new features:

- Secure Simple Pairing
- Sniff Subrating
- Extended Inquiry Response
- Link Supervision Timeout Changed Event
- Encryption Pause and Resume
- Erroneous Data Reporting
- Non-Automatically Flushable Packet Boundary Flag
- Security Mode 4

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

Driver:	Signed?	Signature:	Valid?	SubmissionID:	Version:
btaudio.cat	Yes	WHQL	Yes	1293810	5.5.0.3500
btfaxmdm.cat	Yes	WHQL	Yes	1283216	5.5.0.2300
btport.cat	Yes	WHQL	Yes	1283221	5.5.0.2300
btusbflt.cat	Yes	WHQL	Yes	1280598	6.2.0.1300
btw.cat	Yes	WHQL	Yes	1294826	5.5.0.3600
btwdndis.cat	Yes	WHQL	Yes	1283202	5.5.0.2300
btwhidnt.cat	Yes	WHQL	Yes	1284132	5.5.0.2600
btwacm.cat	Yes	WHQL	Yes	1283232	5.5.0.2300
btwusb.cat	Yes	WHQL	Yes	1295621	5.5.0.3600
frmupgr.cat	Yes	WHQL	Yes	1280599	6.2.0.1300
wc_modem.cat	Yes	WHQL	Yes	1283226	5.5.0.2300
bcbthid32.cat	Yes	WHQL	Yes	1286483	6.1.0.4500

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

Driver:	Signed?	Signature:	Valid?	SubmissionID:	Version:
btaudio.cat	Yes	WHQL	Yes	1293810	5.5.0.3500
btfaxmdm.cat	Yes	WHQL	Yes	1283216	5.5.0.2300
btport.cat	Yes	WHQL	Yes	1283221	5.5.0.2300
btusbflt64.cat	Yes	WHQL	Yes	1280598	6.2.0.1300
btw.cat	Yes	WHQL	Yes	1294826	5.5.0.3600
btwdndis.cat	Yes	WHQL	Yes	1283202	5.5.0.2300
btwhidnt.cat	Yes	WHQL	Yes	1284132	5.5.0.2600
btwacm.cat	Yes	WHQL	Yes	1283232	5.5.0.2300
btwusb.cat	Yes	WHQL	Yes	1295621	5.5.0.3600
frmupgr64.cat	Yes	WHQL	Yes	1280599	6.2.0.1300
wc_modem.cat	Yes	WHQL	Yes	1283226	5.5.0.2300
bcbthid64.cat	Yes	WHQL	Yes	1286483	6.1.0.4500

Resolved Defects

Major

BLTH00132787

Subsystem: Tools

Headline:

BIP failed with message 'error copying file(incorrect permission)'

Release Note:

Defect is fixed in the BIP client introduced by other fix

Resolved Defects

Minor

BLTH00132763

Subsystem: Coverity

Headline:

Coverity CID:8540 STRING_OVERFLOW
/btw/btw1.2/windows/btsendto/btsendto_explorer/btsendto_explorer.cpp

Release Note:

Coverity CID:8540 STRING_OVERFLOW
/btw/btw1.2/windows/btsendto/btsendto_explorer/btsendto_explorer.cpp FIXED

BLTH00132813

Subsystem: API Calls

Headline:

Allow legacy SDK apps to call SetHeader with header ID already encoded with type

Release Note:

Changed range check to allow legacy apps to pass encoding bits in header ID, but only if encoding bits are correct for appropriate SetHeader method
