



## BLUETOOTH® COMMUNICATIONS SOFTWARE FOR WINDOWS®

### FEATURES

- **Complete Product Offering**
  - BCM1000-BTW comes complete in object code for the Protocol Stack (L2CAP, SDP, RFCOMM, OBEX, PPP, BTM-Bluetooth Manager), Bluetooth Profiles, USB device driver, user interface, on-line help, rollover tooltips, API, test and diagnostic tool, selective suspend support, documentation, and localization support for seventeen languages.
  - Bluetooth 2.0 Specification compliant.
  - Combined with BCM2045, supports Bluetooth 2.0 + EDR specification, including EDR and eSCO.
  - Optimized for use with Bluetonium® silicon solutions.
- **Convenient User Interface containing:**
  - My Bluetooth Places, a shell namespace extension application similar to Network Neighborhood.
  - BT Tray, a system tray utility.
  - BT Control Panel, a control panel application.
  - Bluetooth Printer Sink function allows the PC to function as a Printer Server.
  - Integration of Bluetooth functions for Microsoft® Office applications.
- **Multiple Windows Operating System Support, including:**
  - Windows 98SE
  - Windows Me
  - Windows 2000
  - Windows XP Windows XP Professional x64 Edition
- **Sophisticated Test Tool**
  - BCM1000-BTW is available with the Bluetooth Spylite tool, a comprehensive and flexible trace and diagnostic tool.

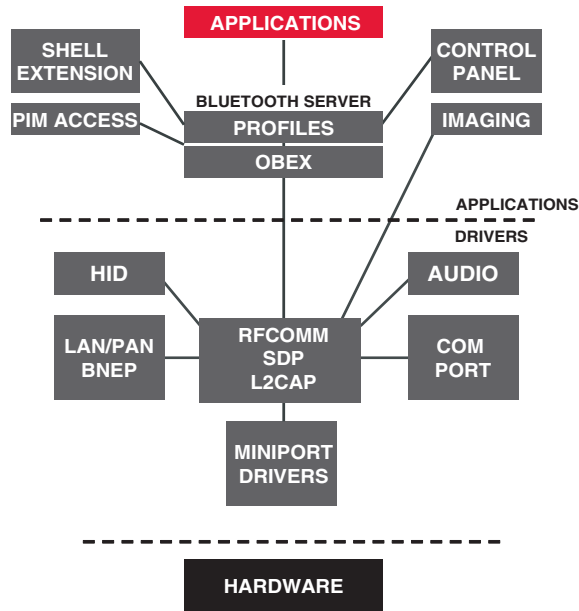
### SUMMARY OF BENEFITS

- **Complete Software Solution**
  - BCM1000-BTW is a proven turnkey software solution and includes the upper-layer Bluetooth protocol stack, including profile support, hardware interface drivers, user interface, and integration support to ensure the successful launch of Bluetooth enabled Windows computers. In addition, Broadcom offers application programming interfaces (APIs) to allow third-party application providers to write Bluetooth enabled applications for Windows operating system platforms.
- **Optimized for use with Broadcom Bluetonium Bluetooth Solutions**
  - BCM1000-BTW has been optimized for use with Bluetonium silicon solutions. By offering a total software and hardware solution, Broadcom can ensure product functionality and enable fast time to market.
- **Interoperability Assurance**
  - Broadcom is a leader in both conformance testing and interoperability; the first company in the world to receive a BQB product listing, the first ever 1.0b qualified Bluetooth protocol stack with profiles; and a major participant at the Bluetooth UnPlugFest events. Broadcom has consistently demonstrated Bluetooth wireless technology solutions between PDAs, PCs, mobile phones, and various embedded devices.
- **Support and Training**
  - As a premier Bluetooth wireless technology company, Broadcom provides a wide array of services—from extensive technical support and product training to conformance assistance.

### Del XPS Using Bluetooth Wireless Technology



# OVERVIEW



Bluetooth® for Windows® (BCM1000-BTW) is a Broadcom communications software solution for adding Bluetooth wireless technology to Windows operating system platforms. BCM1000-BTW enables PC OEMs and accessory manufacturers to quickly and easily add Bluetooth wireless technology to desktop and notebook PCs. This innovative solution is fully compliant with the Bluetooth 2.0 protocol specification and leverages Bluetooth Qualification Body (BQB) conformance testing into your product.

BCM1000-BTW includes the protocol stack, an integrated user interface, application programming interfaces (APIs), a USB device driver, support and test tools, and documentation. BCM1000-BTW is designed to operate on any personal computer and has been optimized to support Broadcom's Blutonium chipsets. BCM1000-BTW provides simple integration, powerful diagnostics and the shortest possible time to market, exactly what you'd expect from the experts at developing Bluetooth HCI-compliant wireless technology solutions.

Bluetooth Communications Software for Windows includes:

- Object code libraries for Bluetooth Spec 2.0 compliant Windows protocol stack and profiles:
  - Generic Access Profile (GAP)
  - Generic Object Exchange Profile (GOEP)
  - Serial Port Profile (SPP)
  - File Transfer Profile (FTP)
  - Object Push Profile (OPP)

- Dial-up Networking Profile (DUN)
- Synchronization Profile (SYNC)
- Fax Profile (FAX)
- Personal Area Networking Profile (PAN)
- Human Interface Device Profile (HID)
- Headset/Audio Gateway Profile (HSP)
- Handsfree/Audio Gateway Profile (HFP)
- Hardcopy Cable Replacement Profile (HCRP)
- Basic Imaging Profile (BIP)
- Basic Printing Profile (BPP)
- Generic Audio Video Distribution Profile (GAVDP)
- Advanced Audio Distribution Profile (A2DP)
- Audio Video Remote Control Profile (AVRCP)
- Mini-port drivers to support USB, PCMCIA and Serial hardware designs.
- User interface: My Bluetooth Places, System Tray, and Control Panel. The user interface manages applications, security, authentication, and other Bluetooth devices.
- Extensive documentation, including user guide, online help, and rollover tooltips.
- Bluetooth Print Server function that manages and routes HCRP print files to the local printer.
- BT Spylite test tool to trace stack operations.
- Complete test plans and test results are provided.
- Localization support for 17 languages.

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