

Sybase® iAnywhere® Blue Manager Suite

A Bluetooth® Host Protocol Stack and Application for Windows® 2000, XP and Vista

PROTOCOLS

- HCI
- L2CAP
- OBEX
- RFCOMM
- SDP

PROFILES INCLUDED

- A2DP (Advanced Audio Distribution)
- AVRCP (AV Remote Control)
- BIP (Basic Imaging)
- DUN (Dial Up Networking)
- FTP (File Transfer)
- GAP (Generic Access)
- HCRP (Hardcopy Cable Replacement)
- HID (Human Interface Device)
- HFP (Hands-Free Gateway)
- OPP (Object Push)
- PAN (Personal Area Networking)
- SPP (Serial Port)

Complies with 2.1+EDR Bluetooth specifications.

Microsoft WHQL certified.

Sybase iAnywhere Blue Manager Suite is a part of our industry leading embedded Bluetooth stack which takes full advantage of the Microsoft Windows® 2000, XP and Vista operating systems. It tightly integrates with a user interface and related drivers, which enables PC OEMs, Bluetooth chip companies, accessory manufacturers, and Bluetooth application developers to easily and quickly add the Bluetooth function and user experience to Windows 2000, XP and Vista environments. Blue Manager Suite provides a pre-qualified, WHQL certified Bluetooth protocol stack for most current profiles and supports commercially available Bluetooth radios with reliable wireless Bluetooth communications.

The Blue Manager Suite includes the protocol stack in source code and an integrated user interface. It supports 9-language localization. It enables customers to rapidly integrate and deploy solutions with confidence, knowing that the software has passed the latest Bluetooth version 2.1 specification qualification with Microsoft Windows Hardware Quality Labs (WHQL) driver certification to further smooth the user experience with additional security and reliability.

BLUETOOTH QUALIFIED AND MARKET TESTED

Sybase iAnywhere first listed its Blue SDK on the Bluetooth Qualified Product List in 2000 and continues to hold qualifications for more user profiles than any other development kit. By providing a certified solution, Sybase iAnywhere helps device manufacturers to reduce development costs, shorten time-to-market and apply strict compliance to the Bluetooth Special Interest Group's (SIG) interoperability standards. The Blue Manager Suite enables developers to focus on the important aspect of product creation, implementing applications and system integration activities with full assurance that the underlying stack software will deliver.

Sybase iAnywhere has hundreds of Bluetooth design wins across all product categories including market leaders such as Palm®, HP, Motorola®, 3COM®, Harman-Becker, Siemens, JVC®, NEC, Mitsubishi, Fujitsu, STMicroelectronics, Visteon, Texas Instruments, Qualcomm® and other chipset and solution companies.

Sybase iAnywhere is an associate member of the Bluetooth SIG and helps shape the next generation of Bluetooth innovation through its involvement. Moreover, Sybase iAnywhere is also a member of the Core Specification Working Group, participating in the Automotive Working group, the AV working group, the Medical Working Group, and is section owner for OBEX based profiles such as Object Push and File Transfer Profiles.

SEAMLESSLY INTEGRATED PROTOCOL AND APPLICATIONS

The Sybase iAnywhere Blue Manager Suite is delivered as fully documented source code, drivers, and user interface for Windows 2000, XP and Vista. It enables computers to establish networks and exchange the information through reliable wireless Bluetooth connections to many devices such as mobile phones/devices, headsets, Access Points, Printers, Digital cameras, Game console and controllers, PC peripherals, navigation systems, in-car units, etc.

By taking advantage of its source code format, the developers have the greater flexibility to customize the end user experience and potentially create additional applications through the simplification of Bluetooth link setup and profile use.

Many of the popular profiles including A2DP, AVRCP have been fully integrated, to offer high data throughput capability, legacy application support.

**COMPLIANT TO V2.1+EDR
BLUETOOTH SPECIFICATIONS,
SUPPORTING:**

- Extended SCO links (eSCO)
- Security Mode 4 (Secure Simple Pairing)

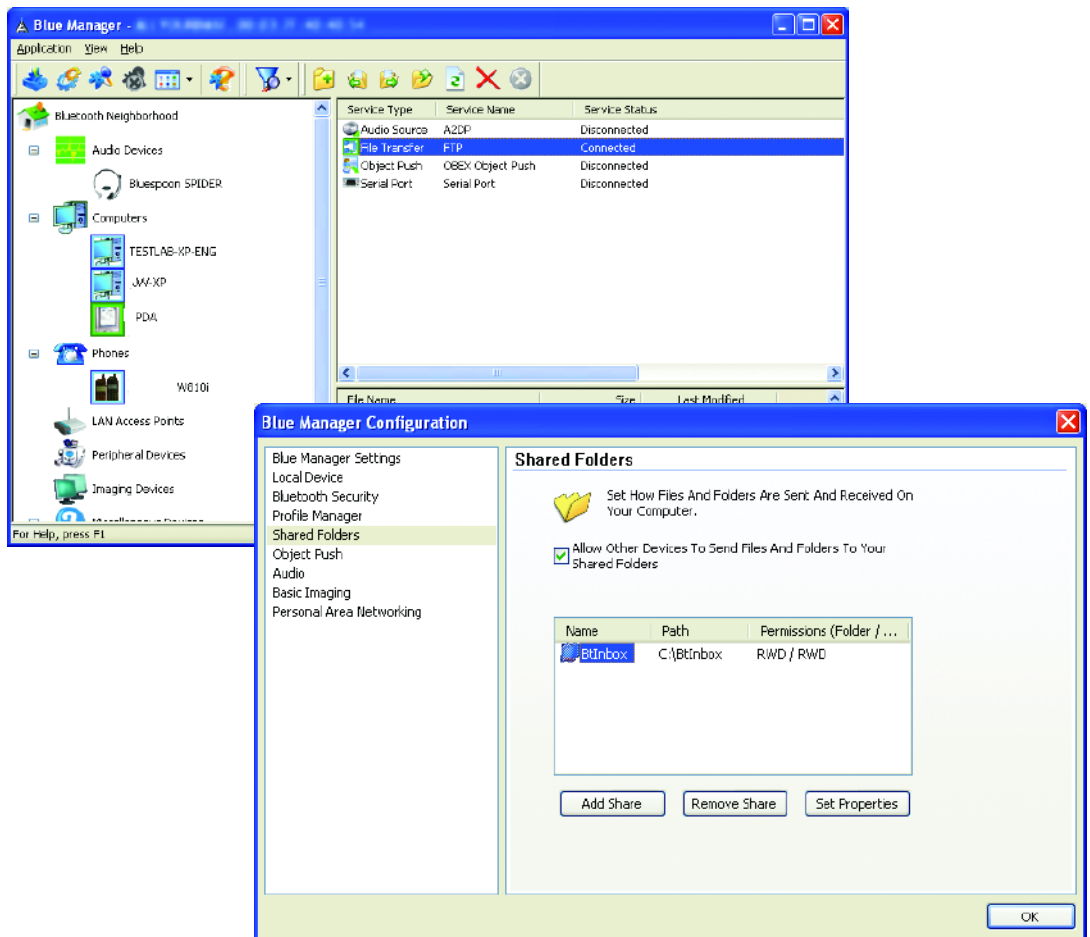
FLEXIBLE, EASY, FRIENDLY USER EXPERIENCE

The Sybase iAnywhere Blue Manager Suite has been designed with the end user and user experience in mind with a clean and friendly user interface. It takes the complications out of the establishing the connections and functions. The devices, related profiles and services can easily be discovered. These devices and services and their status are conveniently displayed. All the supported functions will be displayed under each device name. The user can then easily connect or disconnect the services according to the actual requirements.

With the Sybase iAnywhere Blue Manager Suite, user's normal operations on Windows can be converted into a Bluetooth connection request and utilize the underlying related Bluetooth profile automatically. For example, users can use a Bluetooth headset which is connected as default virtual sound card to applications such as Windows Media Player through A2DP, Skype or other sound programs. User can listen to the music through the headset, switch to Skype if need to make or receive a call, switch back to the music while the user is using Bluetooth printer, digital camera, wireless modem and HID devices such as mouse or keyboard. It can also support wireless file transfer, vCard, dial-up networking, personal area network and many more other functions.

QUALIFICATION:

This product was qualified against Bluetooth Specification version 2.1+EDR with all the profiles outlined in this document. It is also WHQL certificated.



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