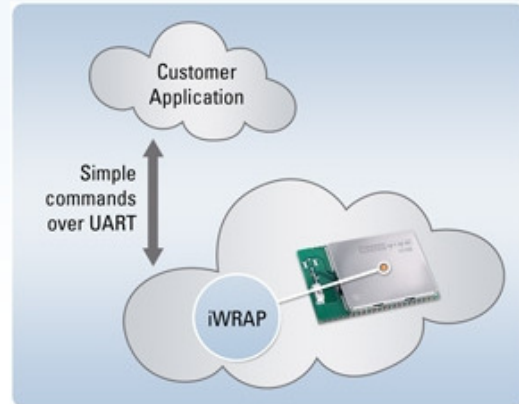


Bluegiga announces iWRAP4 Bluetooth stack for embedded Bluetooth modules

The iWRAP4 adds support for several additional *Bluetooth* profiles and also adds a native execution mode for improved performance. iWRAP4 also includes several usability improvements for use in various application scenarios.

iWRAP4 is qualified for the following *Bluetooth* profiles:

- Serial Port Profile (SPP), DevA and DevB
- Hands Free Profile (HFP) v.1.5, HFP and HFP-AG modes
- Headset profile (HSP) v.1.2, HSP and HSP-AG modes
- Object Push Profile (OPP), OPP server and client
- File Transfer Profile (FTP), FTP client
- Dial-up Networking Profile (DUN), terminal emulation
- Human Interface Device (HID), HID device (mouse and keyboard)
- Advanced Audio Distribution Profile (A2DP), sink and source modes
- A/V Remote Control Profile (AVRCP), AVRCP controller and target
- Health Device Profile (HDP), HDP sink and source (separate firmware available from support@bluegiga.com)
- Phone Book Access Profile (PBAP), phone book client
- Device Identification Profile (DI)



Key features of iWRAP4:

- ASCII based command and event API for:
 - *Bluetooth* control and event reporting
 - GPIO and AIO handling
 - Hardware and interfaces configuration
- Fully *Bluetooth* 2.1 + EDR compliant
- Secure Simple Pairing (SSP) support
- Sniff sub-rating and proprietary adaptive sniff power saving
- Bluegiga IO replacement profile
- Over-the-Air configuration profile
- In the field upgrades
- Low power sleep modes with event based wake-up
- 7 simultaneous ACL connections / 2 simultaneous SCO connections
- Data throughput up to 600kbps

Bluegiga Technologies has developed the iWRAP *Bluetooth* stack over the past six years making it the most advanced embedded *Bluetooth* firmware stack in the industry. iWRAP has been deployed to thousands of applications ranging from health, M2M, industrial and fitness sensors to car kits and consumer electronics.

Bluegiga's WT11, WT12, WT41 and WT32 *Bluetooth* modules can be ordered now with the latest firmware version, iWRAP 4.0. Bluegiga differentiates the *Bluetooth* specification versions with product codes. iWRAP4 is now available for ordering with the following product codes:

- WT12-A-AI4
- WT11-A-AI4 and WT11-E-AI4
- WT32-A-AI4 and WT32-E-AI4
- WT41-A-AI4 and WT41-E-AI4