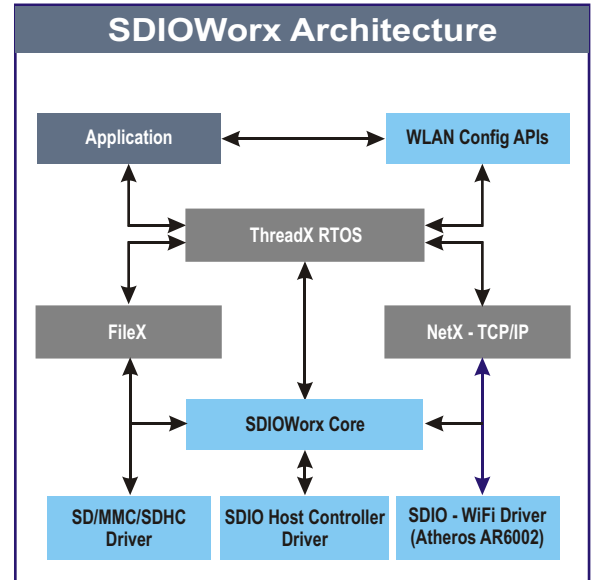


Overview :

embWiSe's embedded Secure Digital I/O (SDIO) software stack - "**SDIO Worx**" - is the only commercial SDIO software stack supported on ThreadX RTOS. As a third party ISV partner of Express Logic, embWiSe now supports Atheros Communication's most recent AR6002/AR6102 WLAN technologies with its SDIO Worx under ThreadX RTOS.

Highlights :

- * The only SDIO software stack optimized for ThreadX RTOS with integrated SDIO-WiFi driver support for Atheros' AR6002/AR6102 WLAN technologies.
- * High Performance : Data throughput rate of 23Mbps uplink and 19Mbps downlink on Atmel AT91SAM9263 (ARM9 Core) Development Platform
- * Support for embedded Wireless Protected Access (WPA/WPA2 - PSK, EAP) Supplicant based on 802.11i standards integrated with AR6002/AR6102 SDIO-WiFi driver Enhances Wireless Security
- * Tested and validated on Standards based SD Host, Samsung's ARM7 and Atmel's AT91SAM9263 (ARM9) processor platforms with more application processor support on the anvil
- * High performance SD/MMC/SDHC Storage drivers integrated with FileX File System
- * Complete SD /MMC/SDHC standards based Storage and production ready SDIO-WiFi support for AR6002/AR6102, accelerates time to market for device OEMs across all the verticals
- * Accelerates SDIO functionality test and validation for semiconductor and peripheral card vendors

**AR6002 SDIO-WiFi Driver Software Features :**

- 802.11b/g Infrastructure and Ad-Hoc (IBSS) network mode
- 64 and 128 bit WEP Key Encryption for Infrastructure and Ad-Hoc mode
- IEEE Power Save mode
- Rate Adaptation
- Deep Sleep Support
- Transmit Power Control
- WEP64 and 128 bit encryption
- WPA/PSK, AES, WPA2-PSK, 802.1x authentications with EAP
- Set of APIs to configure the WLAN parameters

embWiSe provides embedded SDIO stack and SPI/SDIO-WiFi solutions on several Host processor and OS platforms. embWiSe's ready-to-go WiFi solutions mitigate device designers' engineering lead-time and time-to-market. With several successful design-ins in a variety of devices, ranging from mobile phones to PoS terminals, embWiSe is well placed to meet device designers' unique embedded WiFi needs.

For more information, please visit www.embwise.com;

Contact: info@embwise.com

embWiSe Technologies Pvt.Ltd.
III Floor,Annex-I, Guna Complex,
443,Anna Salai,Teynampet,
Chennai-600018,India
Tel: +91-44-4215 1918

embWiSe Technologies Inc.,
2900 Gordon Avenue, #100-21
Santa Clara, CA 95051, USA
Tel: (408) 735 7252