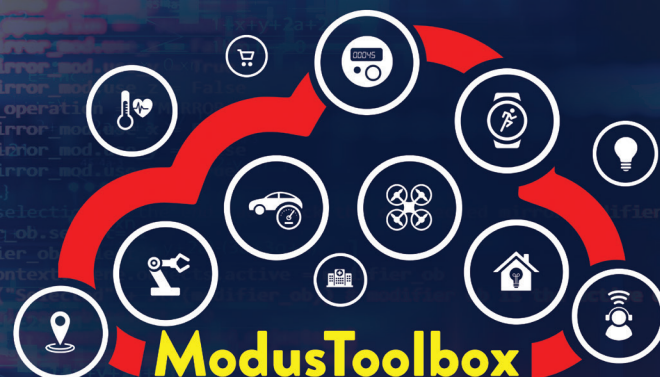


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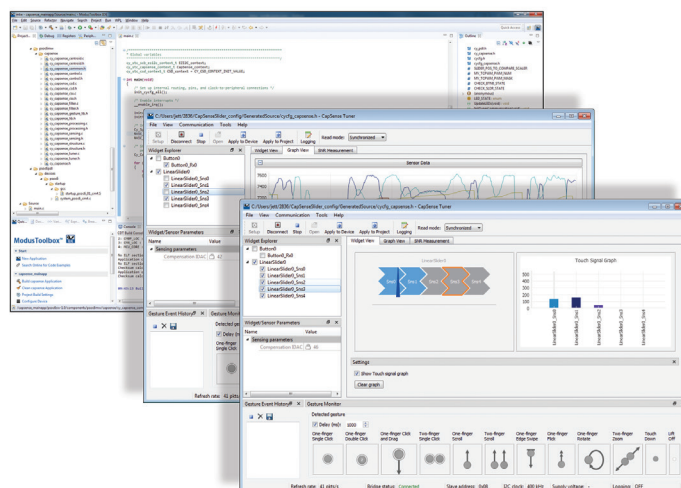
## Introducing ModusToolbox™

ModusToolbox simplifies development for IoT designers, combining Cypress' high-performance ultra-low-power PSoC® MCUs and the most widely deployed WICED® wireless technologies, in a unified software environment.



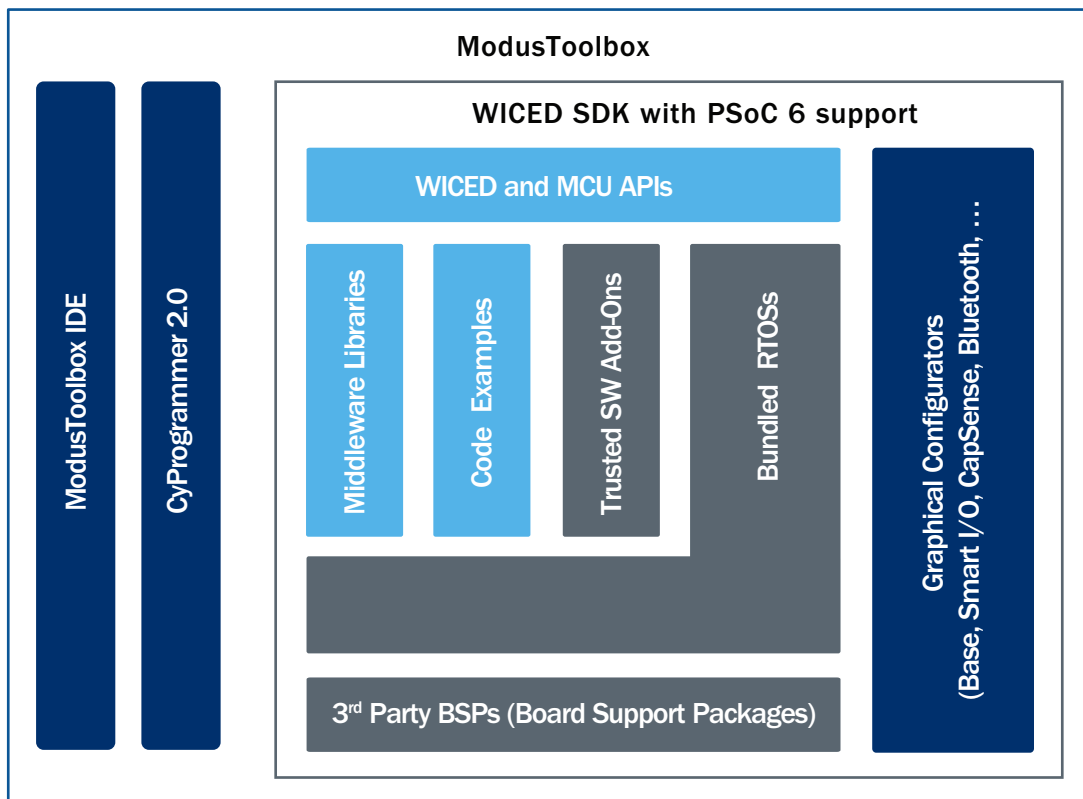
### ModusToolbox IDE:

- Uses an Industry-standard, Eclipse-based IDE that delivers flexibility and extensibility, such as UI customization and plugin support
- Provides support across host platforms including Windows®, macOS®, and Linux®
- Provides robust cross-platform debug support with:
  - Minipro4
  - KitProg3 on-board debug
  - Segger J-Link and other on-board FTDI based adapters
- Provides graphical configurators for various peripherals such as CapSense® and WICED wireless technologies for quick and easy configuration



**ModusToolbox SW Environment**

## Components of ModusToolbox



### ModusToolbox features the WICED SDK with PSoC 6 support

- PSoC 6 MCUs and WICED wireless connectivity libraries, APIs, and drivers have been combined into a single SDK to simplify and accelerate IoT designs
- Drivers and middleware in the SDK that can be built via Makefile and easily imported into other build tools such as Arm® DS5, iAR, VSCode, and Xcode
- Code examples that are provided using GitHub, embracing “social code” and a user friendly deployment of code examples and SW libraries
- Trusted 3rd party SW add-ons:
  - RTOS Support: Pre-integrated, licensed, 3rd-party support for Real Time Operating Systems include FreeRTOS™, AliOS Things, Arm Mbed™, and ThreadX™
  - Cloud Support: Support for cloud services such as Amazon AWS, AliOS Things, and Arm Pelion™
  - Board support packages: 3rd party boards are pre-configured for you and include peripheral and driver support to quickly develop an IoT design
- Graphical configurators: GUI-based configuration tools for PSoC MCU and WICED wireless peripherals, such as Smart I/O®, CapSense® and Wi-Fi/BT, to quickly configure peripherals for an IoT design



LEARN MORE

[WWW.CYPRESS.COM/MODUSTOOLBOX](http://WWW.CYPRESS.COM/MODUSTOOLBOX)

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