

# Sierra Wireless Legato™ Platform

## Open source embedded platform built on Linux designed to simplify M2M application development.

The Legato™ platform gives embedded M2M development a head start and is ready to run, build, and connect out-of-the-box. Made up of a tightly integrated application framework, fully tested Linux distribution, and feature-rich development environment, the open source Legato platform accelerates application level development of connected devices.

### READY-TO-RUN



Start developing immediately with the Legato platform that has been integrated, tested, and validated. The Linux distribution supports next generation AirPrime® WP and AR Series of smart modules, so Legato comes ready-to-run without any porting.

### READY-TO-BUILD

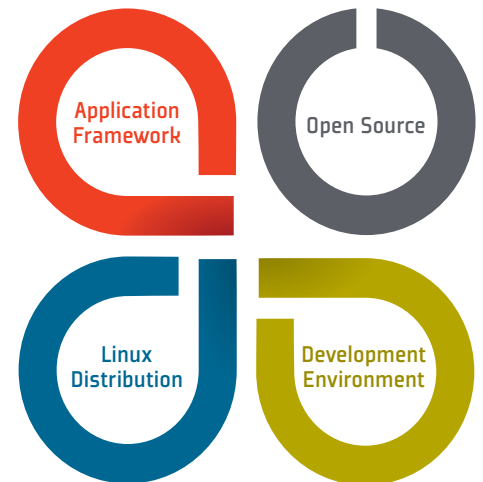


Available in open source, Legato future-proofs software investments by easily porting the stack to any module or application processor as product requirements evolve. With security and connectivity built in and customizable middleware components, the platform simplifies development by enabling OEMs to just focus on the value-add applications.

### READY-TO-CONNECT



Designed for connected products, the Legato platform makes it easy to get device data to the enterprise thanks to seamless integration with the AirVantage® M2M Cloud. For devices, Legato provides access to device peripherals like USB or Ethernet out-of-the-box. And robust API's make it easy to connect to any cloud or network – whether mobile, wired, or personal.

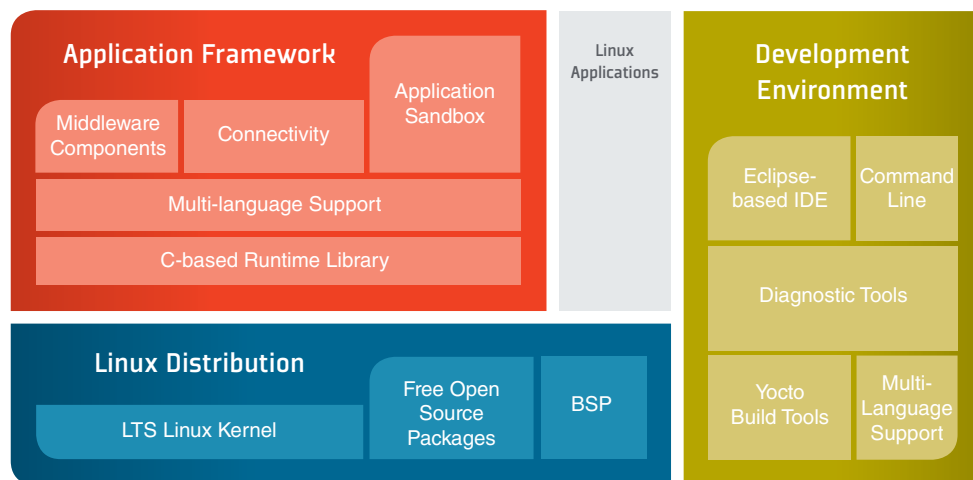


### WHY WOULD YOU WANT TO START YOUR EMBEDDED PROJECT WITH ANYTHING ELSE?

- Get started immediately with Legato pre-loaded on AirPrime AR and WP smart modules.
- Future-proof software investments and access existing open source packages common to M2M.
- Utilize existing software and skillsets with multi-language support and customizable components.
- Integrate valuable device data to the enterprise with the AirVantage M2M Cloud.
- Connect to any WWAN, WLAN, PAN, or HAN without any wireless expertise.
- Access hardware interfaces via USB, UART, I2C, SPI, Ethernet, GPIO, ADC, and audio out-of-the box.

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APPLICATION FRAMEWORK, LINUX DISTRIBUTION, AND DEVELOPMENT ENVIRONMENT  
GIVES EMBEDDED M2M DEVELOPMENT A HEAD START.



## APPLICATION FRAMEWORK | DESIGNED WITH SECURITY & CONNECTIVITY IN MIND

- Application Sandbox - secure environment to run and control multiple applications
- Robust Connectivity APIs - access cloud and network services such as voice calls, SMS, data, radio controls
- Customizable middleware components - select building blocks such as configuration, DB, resource arbitration, secure IPC
- Multi-language support – utilize embedded applications in different programming languages
- C-based runtime library – fast, efficient system designed to maximize processing power and user application space

## LINUX DISTRIBUTION | CUSTOMIZABLE WITH BUILT-IN M2M FEATURES

- Free open source packages - validated by the Linux Foundation that include BusyBox, OpenSSL, DHCP, PPP, and OpenSSH
- Long-term supported Linux kernel (LTS) - hosted by the Linux Foundation and maintained by the embedded systems industry
- Board support package (BSP) - enables hardware interfaces and power management, validated on AirPrime WP and AR smart modules

## DEVELOPMENT ENVIRONMENT | FLEXIBLE TO SIMPLIFY APPLICATION LEVEL DEVELOPMENT

- Eclipse-based integrated development environment (IDE) - extensible and familiar toolset with built-in API awareness
- Command Line - automate builds and integrate into any tool chain
- Robust diagnostic tools - local and remote debugging, troubleshooting, monitoring, and profiling
- Yocto build tools - rebuild and tailor the Linux distribution for any project
- Multi-language support - code using your favorite programming language

### About Sierra Wireless

Sierra Wireless is the global leader in machine-to-machine (M2M) devices and cloud services, delivering intelligent wireless solutions that simplify the connected world. Our solutions are **simple**, **scalable**, and **secure**, and enable customers to get their connected products and services to market faster.

For further company and product information, please visit [www.sierrawireless.com](http://www.sierrawireless.com).