

Matter v1.2 Certified Ultra-Low Power Talaria TWO™ Wi-Fi/BLE SoC/Module

Accelerating Time-to-Market for secure, interoperable connectivity for Smart Home IoT devices with Matter over Wi-Fi



10+ Year Battery Life*

Build Matter certified battery-operated home automation sensors and devices, and smart appliances using industry's lower power Matter certified Wi-Fi/BLE modules from InnoPhase IoT.



Device Interoperability

- ✓ Ultra-Low-Power (ULP) Wi-Fi at BLE power levels enables 2-4X improvement in battery life.
- ✓ Integrated BLE for device discovery and commissioning.
- ✓ Matter certified solutions for Wi-Fi on Talaria TWO™ standalone and MCU host platforms.
- ✓ Offloading Matter stack and Cloud SDKs on Talaria TWO free's up MCU for custom application.
- ✓ Works with Amazon Alexa, Apple HomeKit, Google Home, and Samsung SmartThings.



Fast Time-to-Market

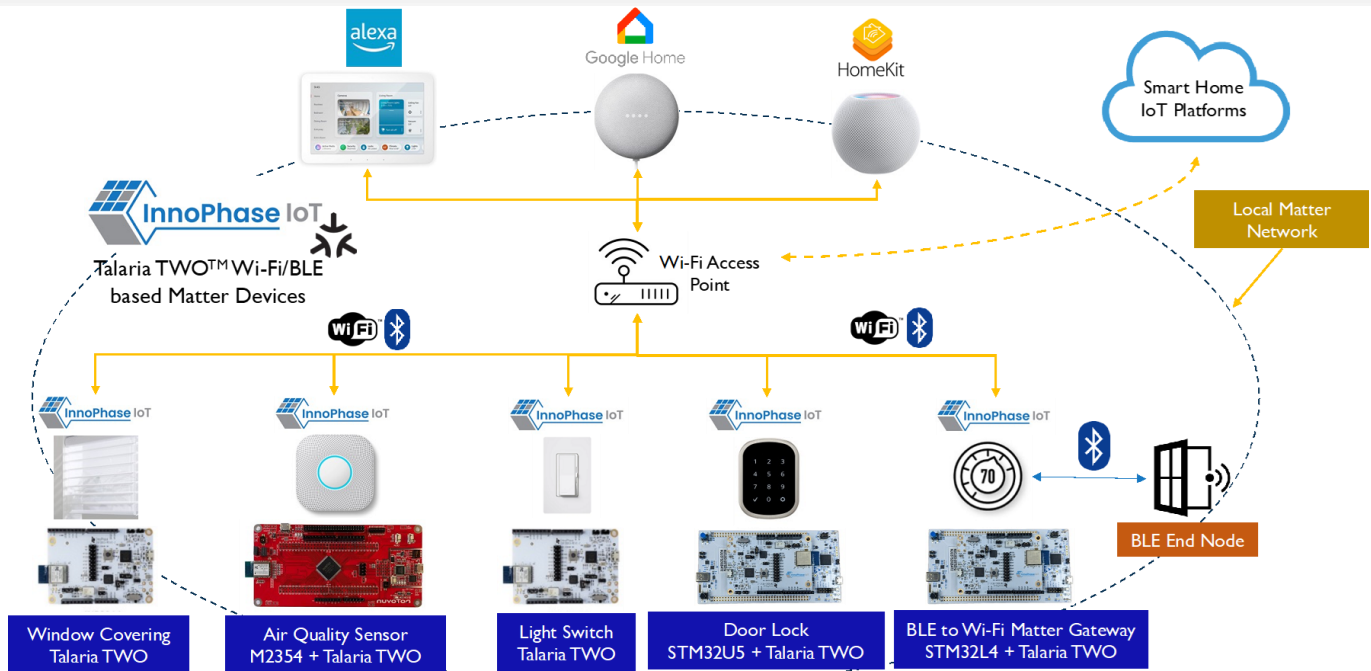
Get to market quickly with Matter certified Smart IoT solutions that include hardware, FreeRTOS based SDK and reference applications to give your product design a head-start.

TARGET APPLICATIONS

- Door Locks
- Air Quality Sensors
- Smoke Alarms
- Home Automation Sensors
- Smart Lighting
- Window Covering & Shades
- HVAC Controls
- Smart Appliances

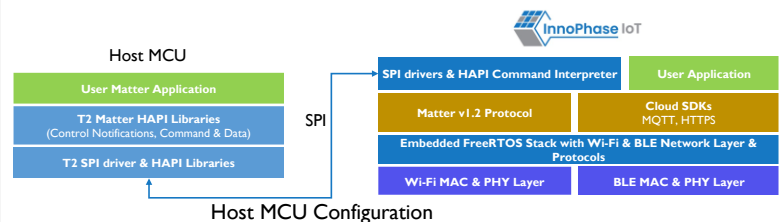
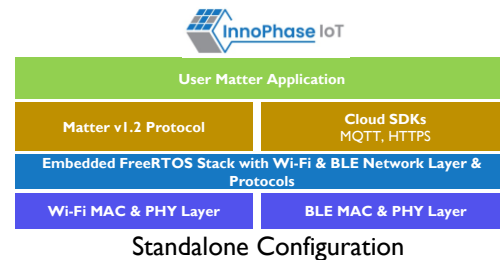


InnoPhase IoT Low Power Matter 1.2 Solution



- Matter 1.2 certified Wi-Fi module
- Works with Amazon Alexa, Apple HomeKit, and Google Home
- Works in Standalone and Hosted mode
- Supported MCU Hosts:
 - Nuvoton M252, M2354
 - STM32U5 series
 - STM32L4 series
- Device discovery and commissioning over BLE
 - Commissioning methods:
 - Basic Commissioning Method (BCM)
 - Enhanced Commissioning Method (ECM)
 - Commissioning modes
 - Standard mode
 - User-Intended mode
- IP based device discovery
- Device Attestation Certificate (DAC) & Product Attestation Intermediate (PAI) certificate
- Reference Matter 1.2 device profiles

Talaria TWO runs Matter stack & Cloud SDKs



Contact InnoPhase IoT at sales@innophaseiot.com for a demonstration and access to Talaria TWO Matter SDK

Visit: <https://innophaseiot.com/solutions/matter> for more information