

# CES 2020 Innovation Award Product Talaria TWO Low Power Wireless Semiconductor Platform

By InnoPhase Incorporated



Honoree

Embedded Technologies

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The new InnoPhase Talaria TWO Multi-Protocol Platform is a highly integrated, single-chip wireless solution offering the ultimate size, power and cost advantages for a wide range of low-power, battery-based IoT product designs. The Talaria TWO platform is the industry's lowest power Wi-Fi radio. The highly integrated Talaria TWO System on a Chip (SoC) includes InnoPhase's advanced PolaRFusion™ radio – a complete 2.4 GHz radio built using an innovative polar architecture that enables extreme low power and a programmable Software Defined Radio (SDR) functionality. The result is an industry-leading low-power solution that includes an ARM Cortex M3 application applications processor, memory, RF, baseband, PHY, and MAC functionality integrated into a small, single-chip design. The Talaria TWO initially supports IEEE 802.11 b/g/n and Bluetooth Low Energy (BLE 5.0) standards.

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