



Talaria TWO™ Low Power Semiconductor Wireless Platform Wins Prestigious CES 2020 Innovation Award Honoree For Embedded Technologies Category

The Multiprotocol Chipset Provides the Lowest Power Wi-Fi Connectivity for Battery-Based IoT Devices



San Diego, CA— November 14, 2019 — [InnoPhase](#), a fabless semiconductor company specializing in extreme low power wireless solutions, announces its Talaria TWO Wireless platform received a coveted [CES 2020 Innovation Award Honoree](#) in the embedded product category. CES Innovation Awards is an annual competition honoring outstanding design and engineering in consumer technology products. The contest is judged and selected by the Consumer Technology Association (CTA), which receives hundreds of applications representing both member and non-member companies. Previous embedded technology award winners have included some of the industry's most respected leaders such as Intel and Samsung.

The [Talaria TWO Multi-Protocol Wireless Platform](#) is a highly integrated, single-chip solution offering the ultimate size, power and cost advantages for a wide range of low-power, battery-based IoT product designs such as security cameras, smart doorbells and monitoring devices. It is the industry's lowest power Wi-Fi radio. The highly integrated Talaria TWO System on a Chip (SoC) includes InnoPhase's advanced, patented PolarFusion™ radio – a complete 2.4 GHz radio built using an innovative polar architecture that enables extreme low power and programmable functionality. It includes an Arm Cortex-M3 processor, memory, RF, baseband, PHY, and MAC functionality integrated into a small, single-chip design. The chip initially supports IEEE 802.11 b/g/n and Bluetooth Low Energy (BLE 5.0) standards.



“The wireless connectivity market valued at \$44.34 billion in 2017 is expected to grow to [\\$95.66 billion](#) by 2023 and we anticipate accelerating that growth with a platform that offers two to eight times more Wi-Fi battery power than

the competition,” said Yang Xu, CEO of InnoPhase. “It is with great pride that we receive the CES Innovation Honoree Award for the Talaria TWO wireless solution for its engineering distinction.”

Current wireless signal processing architectures were developed long before the need for battery-based wireless devices were conceived. Battery-based “edge-of-the network” IoT products will now be able to go many months or years between battery changes. InnoPhase technology enables an entirely new category of high volume, battery-powered consumer, commercial, medical and industrial applications with its revolutionary low power Wi-Fi design. Customers using Talaria TWO wireless platform are experiencing a doubling or more of their product battery life. For additional information about the platform visit innophaseinc.com/technology.

InnoPhase will be attending CES 2020 in Las Vegas, NV, January 7-10, 2020, if you would like to schedule a product demonstration, please contact sales@innophaseinc.com. Key customers are now sampling the extreme low power Talaria TWO wireless platform, with full commercial availability and certification slated for Q1 2020.

About InnoPhase

InnoPhase is a fabless wireless semiconductor platform company specializing in extreme low power wireless IoT solutions. The company is headquartered in San Diego, California with an additional development center in Kista, Sweden. The company has created the industry’s first complete polar radio architecture that is being used to develop a wide range of innovative wireless platforms for the rapidly growing battery-based IoT market. For more information on InnoPhase visit innophaseinc.com.

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