



Energous Wins Mobile Breakthrough Award for IoT Innovation

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SAN JOSE, Calif.--(BUSINESS WIRE)--Oct. 24, 2024-- [Energous Corporation](#) d/b/a Energous Wireless Power Solutions (NASDAQ: WATT), a pioneer in scalable, over-the-air wireless power networks (WPNs), today announced the Energous 2W PowerBridge transmitter system has been selected as winner of the "IoT Innovation of the Year" award in the 8th annual Mobile Breakthrough Awards program conducted by [Mobile Breakthrough](#), a leading independent market intelligence organization that recognizes the top companies, technologies and products in the global wireless and mobile market today.

The Energous [2W PowerBridge](#) transmitter system is designed for cutting-edge enterprise IoT applications, providing a WPN that delivers an always-on, over-the-air, automated energy flow that optimizes IoT device performance. The transmitter deploys higher levels of continuous power with more bi-directional data and supply chain visibility.

In addition to providing energy, the Energous 2W PowerBridge transmitter acts as data links for IoT-enabled devices such as sensors and tags, allowing them to efficiently communicate data and insights back to the cloud—without the need for batteries, wires, or cables. With this information, companies can analyze, optimize, and improve every aspect of supply chain operations in real-time.

The system combines two Energous EN3210 high-efficiency power amplifiers with an Energous EN4100 System-on-Chip (SoC) RF transmitter. The proprietary antenna design enables it to transmit higher radiated power—up to 8W Effective Isotropic Radiated Power (EIRP)—with dual polarization, delivering up to 99 percent visibility of all connected devices. It's this capability that allows the Energous solution to meet the increasing demand for power over distance, which is crucial for applications where asset tracking and monitoring across multiple zones is critical to operations, including cold chain monitoring, fleet management, and temperature and humidity monitoring.

"We designed our 2W PowerBridge transmitter system to help companies reduce losses and improve operational efficiencies. By delivering continuous access to wireless power, over-the-air and at a distance, we can enable a constant stream of real-time data for all IoT-enabled devices in the supply chain," said Mallorie Burak, CEO and CFO, Energous Wireless Power Solutions. "It's an honor to receive the 'IoT Innovation of the Year' award from Mobile Breakthrough. This recognition underscores our commitment to advancing wireless power technology by building a more sustainable future and pushing the boundaries of power at a distance."

The mission of the annual Mobile Breakthrough Awards is to honor excellence and recognize the innovation, hard work and success in a range of mobile and wireless technology categories, including Cloud Computing, Mobile Management, Wireless and Broadband, Mobile Analytics, IoT and Smart City and many more. This year's program included thousands of nominations from over 15 different countries throughout the world.

"The Energous 2W PowerBridge transmitter is a game-changer for companies with complex supply chains and IoT systems. RFID-based systems are incredibly expensive, and most sensor solutions are unsustainable with over 100 batteries added to landfills every second," stated Steve Johansson, Managing Director, Mobile Breakthrough. "This level of visibility from Energous not only enables improved decision-making and traceability of products and materials but also helps to reduce waste and improve supply chain sustainability. By distributing power and network connectivity without the need for wires or batteries, these transmitter systems represent a breakthrough in large-scale IoT."

About Energous Wireless Power Solutions

Energous Corporation d/b/a Energous Wireless Power Solutions (NASDAQ: WATT) is pioneering scalable, over-the-air (OTA) wireless power networks that enable unprecedented levels of visibility, control, and intelligent business automation. The Company's wireless power transmitter and receiver technologies deliver continuous access to wireless power, helping drive a new generation of battery-free devices for asset and inventory tracking and management—from retail sensors, electronic shelf labels, and asset trackers, to air quality monitors, motion detectors, and more. For more information, visit www.energous.com or follow on [LinkedIn](#).

About Mobile Breakthrough

Part of [Tech Breakthrough](#), a leading market intelligence and recognition platform for global technology innovation and leadership, the Mobile Breakthrough Awards program is devoted to honoring excellence in mobile and wireless technology companies, products and people. The Mobile Breakthrough Awards provide a platform for public recognition around the achievements of breakthrough mobile companies and products in categories including Cloud Computing, Mobile Management and Security, Wireless and Broadband, Mobile Analytics, IoT and Smart City technology, WLAN, WiFi and more. For more information visit MobileBreakthroughAwards.com.

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