# Asset Tracking Evaluation Kit
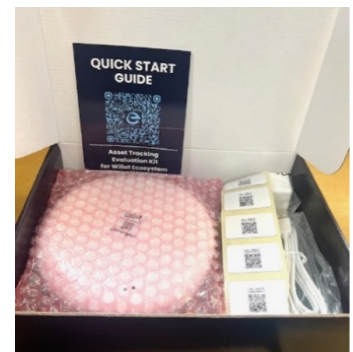
**Features:**

- Eagle (1W) Omni-directional PowerBridge Works with Wiliot® Ecosystem
- The PowerBridge energizes Pixels over a distance.
- Packets received from Pixels are rebroadcast by the PowerBridge at a higher power level.
- The distance over which Pixels can be energized is defined as energizing range.
- PowerBridge can reduce the amount of over-the-air traffic and throttle the amount of data pushed to the cloud.
- Wiliot Single band IoT Pixels
- Wiliot Dual band IoT Pixels
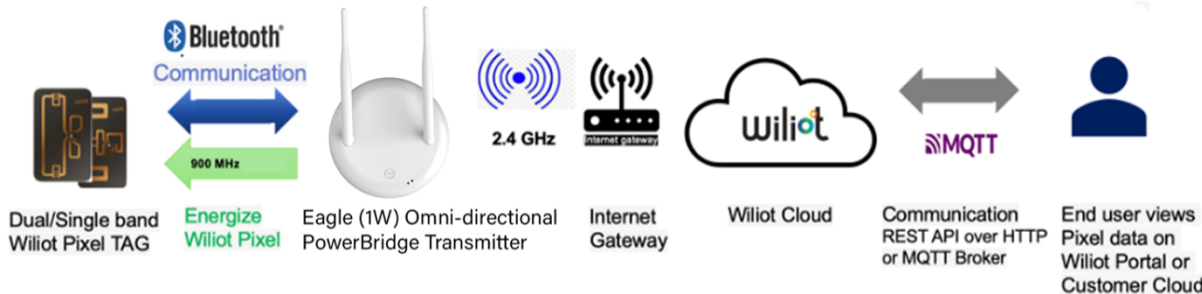- Scan for Wiliot beacons, filter non-Wiliot BLE beacons, and re-broadcast.



## Kit Contents

- Eagle (1W) Omni-directional PowerBridge Transmitter (1)
- USB-A to USB-C cable (1)
- Wall/Ceiling mounting plate (1)
- Wiliot Pixel Tag (10)
- Quick Start Guide Postcard with QR code

# Wireless Energy Harvesting Evaluation Kit
# Workflow Block Diagram



**Bluetooth** Communication

900 MHz

Dual/Single band Wiliot Pixel TAG

Energize Wiliot Pixel

Eagle (1W) Omni-directional PowerBridge Transmitter

2.4 GHz

Internet Gateway

Wiliot Cloud

MQTT — Communication REST API over HTTP or MQTT Broker

End user views Pixel data on Wiliot Portal or Customer Cloud

**For more information or to order,
please contact: sales@energous.com**

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