Wiliot Quick Start Guide

Version	4.0
Date	October 15th, 2024

Works With Wiliot Gateway Provisioning 2

Getting Started 4

Set Up Instructions

What You Will Need

- Wiliot Internet of Things (IoT) stickers
- In case you are using the battery-free stickers, a compatible Works With Wiliot gateway or energizer. Examples of Work With Wiliot gateways are available at this link
- A mobile phone running the Wiliot smartphone application You can download the Wiliot smartphone application from:
- **iOS**:
- **Android**:

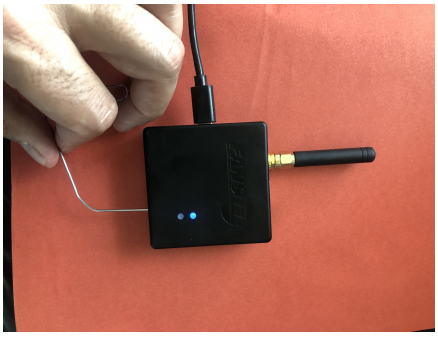
Contact support@wiliot.com to create your account with Wiliot. Through this account, you will be granted private and authorized access to the data generated by Wiliot IoT stickers.

Works With Wiliot Gateway Provisioning

Connecting the gateway to your local Wi-Fi

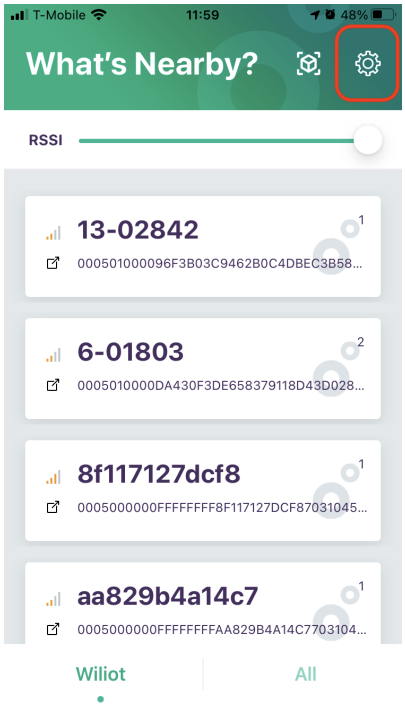
You need to follow the instructions in this section if you are using the battery-free version of the Wiliot stickers. These instructions are equivalent between iOS and Android devices. In this guide, we are using the Fanstel BWG840XE as reference Works With Wiliot gateway device. The Fanstel BWG840XE supports a 2.4 GHz-only 802.11 b/g/n. Please make sure your local Wi-Fi has a 2.4 GHz SSID network available for joining devices.

1. Power on the BWG840XE plugging the USB cable connected to a wall power supply (left image). Set it into Access Point (AP) mode performing a physical reset of the gateway, insert a paperclip into the small hole on the side until the red LED turns on and then off (right image).

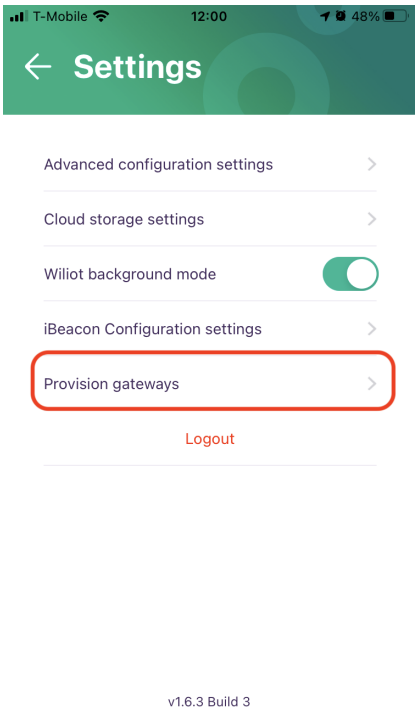


2. Open the Wi-Fi Settings on your smartphone, and select a network with the SetupGateway_XXXX SSID

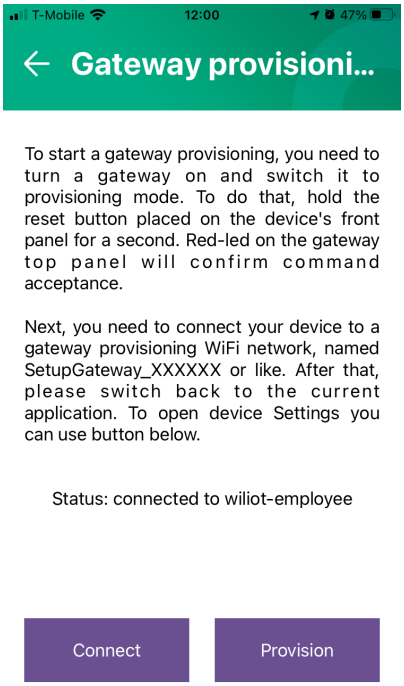
3. Open the Wiliot app, Tap on the Settings icon.



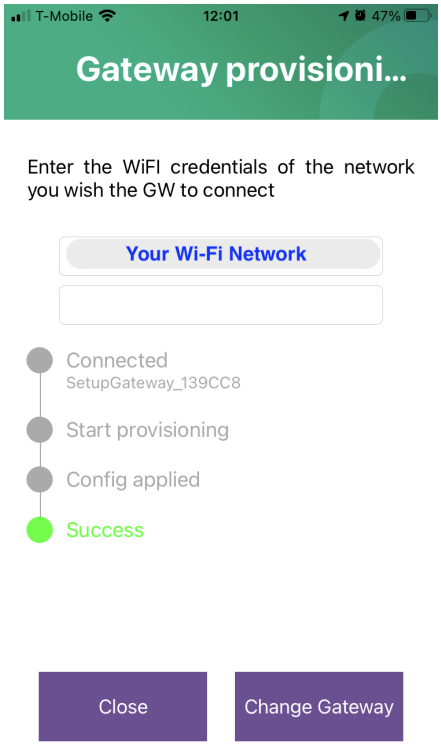
4. Select Provision gateways



5. Tap on Provision

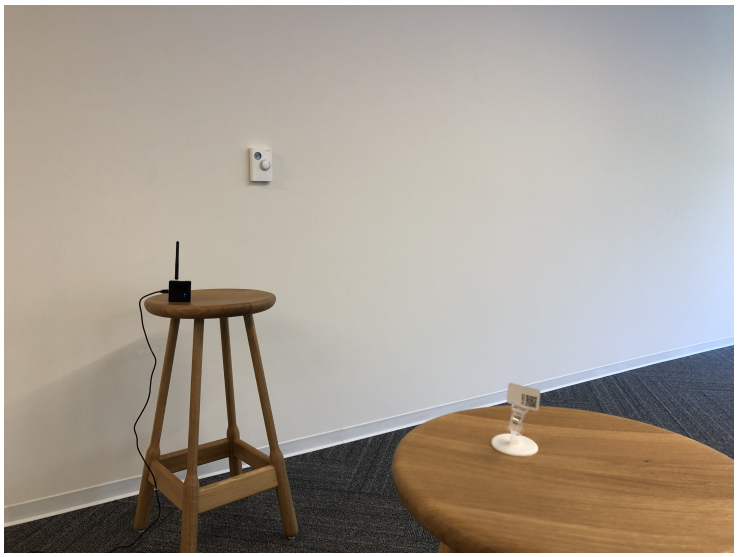


6. Enter your network credentials, tap once again on provision and upon successful completion, the application shows a "Success" status



Getting Started

1. if you are using battery-free stickers, please make sure you place the gateway and the Wiliot stickers at a relative distance.

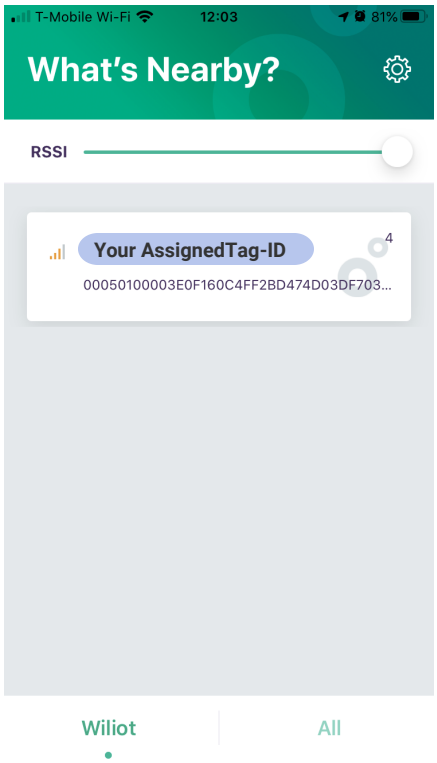


You can apply the tag on top of various surfaces, though please keep in mind that the performance (range, latency) depends on the type of surface. For best results, apply the tag on cardboard or plastic PET material

Once the tag is energized it will start transmitting Bluetooth® packets. The gateway will blink red each time it receives a packet.

Discovering Packets with Wiliot app

2. Use your smartphone within a distance as recommended in the sticker. Open the Wiliot app to see Bluetooth® packet data



U.S

FCC ID: 2AXVQ-WILIOT2SB

FCC ID: 2AXVQ-WILIOT3

Canada

IC: 26623-WILIOT2SB

IC: 26623-WILIOT3

Wiliot tag complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.
3. The unit has been evaluated for SAR exemption and found Unit Meets with the RF Exposure requirements of FCC 1.1307 and RSS 102.
4. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
5. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
   —Reorient or relocate the receiving antenna.
   —Increase the separation between the equipment and receiver.
   —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
   —Consult the dealer or an experienced radio/TV technician for help.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1)Cet appareil ne doit pas causer de brouillage préjudiciable.
(2)Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.
(3)L'appareil a été évalué pour l'exemption SAR et a été jugé conforme aux exigences d'exposition aux RF de la FCC 1.1307 et du RSS 102.

(4)Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser cet équipement.

(5)Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règlements de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre des fréquences radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception radio ou télévisée, ce qui peut être déterminé en allumant et en éteignant l'équipement, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne de réception.

- Augmenter la distance entre l'équipement et le récepteur.

- Connecter l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.

- Consulter le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Please reach out to support@wiliot.com
with any questions.