

# Bridge Overview

Bridges that Works with Wiliot provide an essential role in the Wiliot ecosystem.

A bridge performs the following tasks:

1. Energize the Wiliot Pixels.
2. Broadcast a Pixel's information back to a Wiliot compatible gateway or a Wiliot compatible mobile app [with additional location information] in order to send that information to the cloud for further processing. Such architecture is further described as a [three-tier architecture](#).
3. Manage tag pacing to reduce cloud costs.
4. Allow a Works With Wiliot gateway to modify the energizing pattern/pacing period etc.

Currently, Wiliot offers multiple types of reference [bridges](#), with more options on the way.

More details about the Wiliot bridge operation are in [this section](#).