

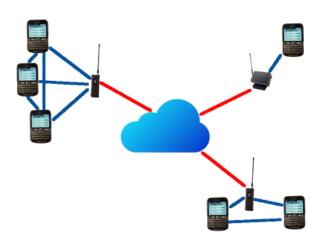
Enabling Blackout Comms Cloud

You may choose to enable MQTT on any Blackout Comms device. MQTT-enabled devices can become an instant long-distance bridge for your cluster. **You will need an MQTT service**. An inexpensive (or free) option is shiftr.io

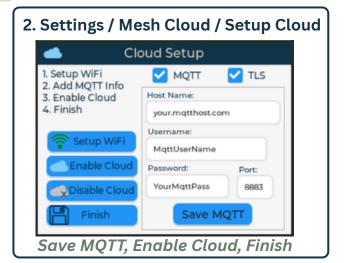
Blackout Comms can use MQTT (an IOT messaging protocol) as a cloud bridge. Blackout Comms Supports:

- MQTT 3.1.1
- MQTT/TCP
- 2.4 G WiFi Only
- Tested with shiftr.io

Blackout Comms supports both TLS and non-TLS, but remember, it's already **end-to-end encrypting** and **digitally signing** your payloads no matter how the message arrives.



1. Settings / WiFi / Add Connection WiFi Setup Scan for a network, provide a password, test the connection, and save it. Visible Networks Option 1 Option 2 Status: Chose scan to continue. WiFi Password: Enter Password... Add up to 5 connections



Once connected, your device will begin using MQTT, in addition to LoRa for connecting with other devices in your cluster or channel.



You can also activate MQTT/Cloud on links, by using the command screen as follows:

1) Push WiFi 2) Enable MOTT



