

The background is a photograph of a person sitting on a rocky cliff edge, looking at a smartphone. The scene is dimly lit, suggesting dusk or dawn. A large, thin, light blue circle is centered on the left side of the image. A smaller, thin, light blue circle is centered on the right side, overlapping the person. A solid yellow circle is positioned between the two thin circles, slightly to the right of the center. The text "/\^ESHT\^ST/C" is written in a large, white, sans-serif font across the middle of the image.

/\^ESHT\^ST/C

off-grid
messaging for all

WHAT IS MESHTASTIC?





WHAT IS / ^ E S H T ^ S T / C ?

IT'S SOFTWARE

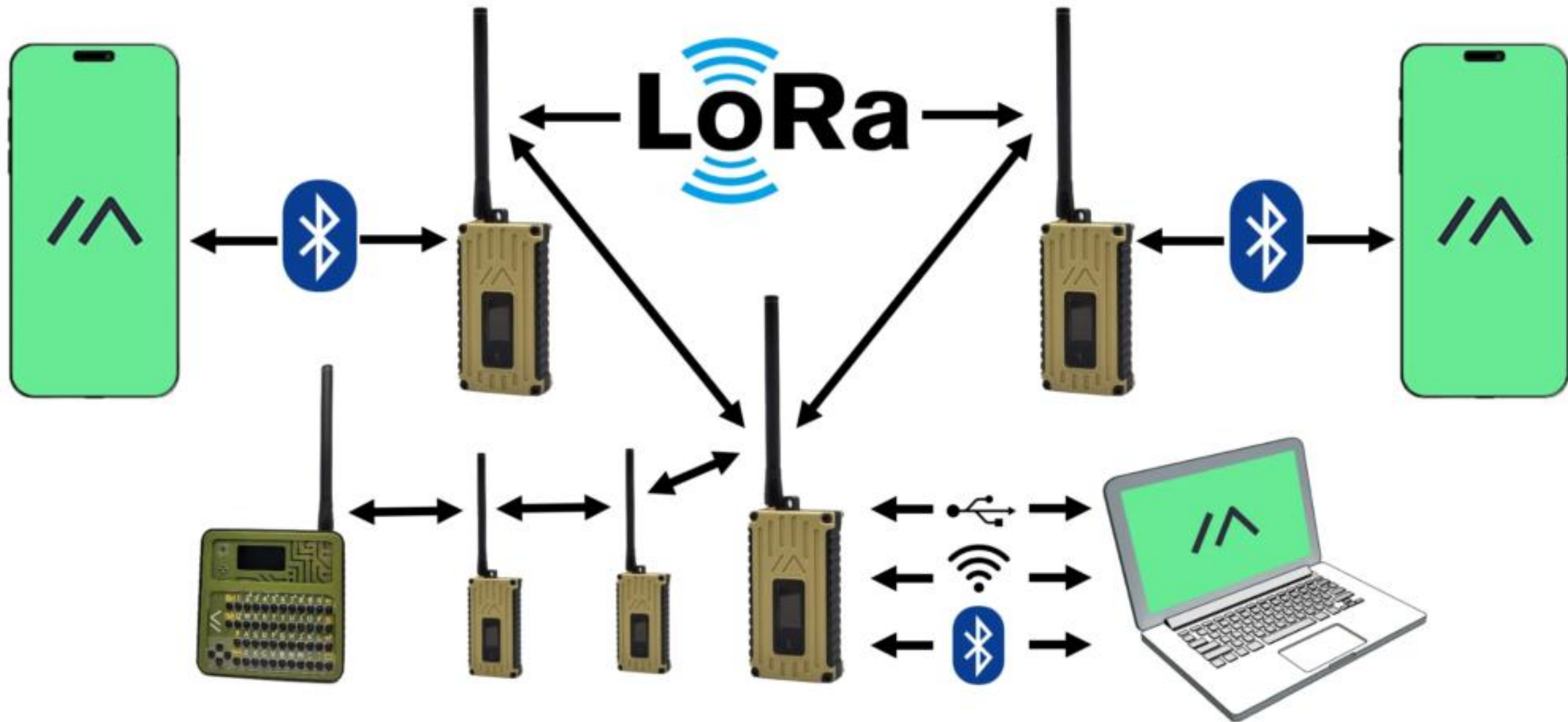
Bottom line – it's just code that runs on **a device**.

IT'S A PLATFORM

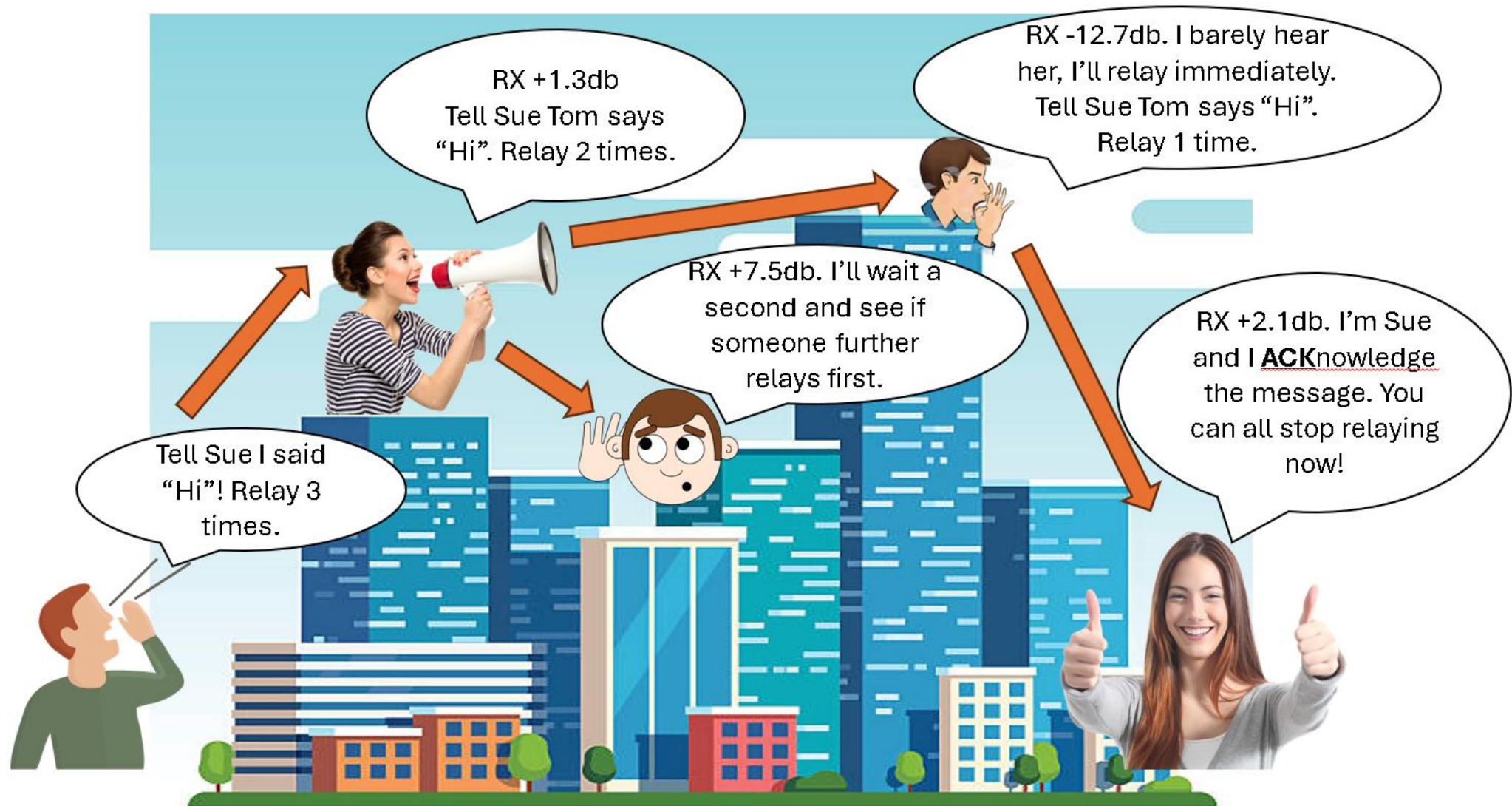
A way to communicate and stretch your "radio legs" in a different way than usual.

IT'S A COMMUNITY

An enormous group of people interested in the technology – amateur or not!



ANOTHER WAY



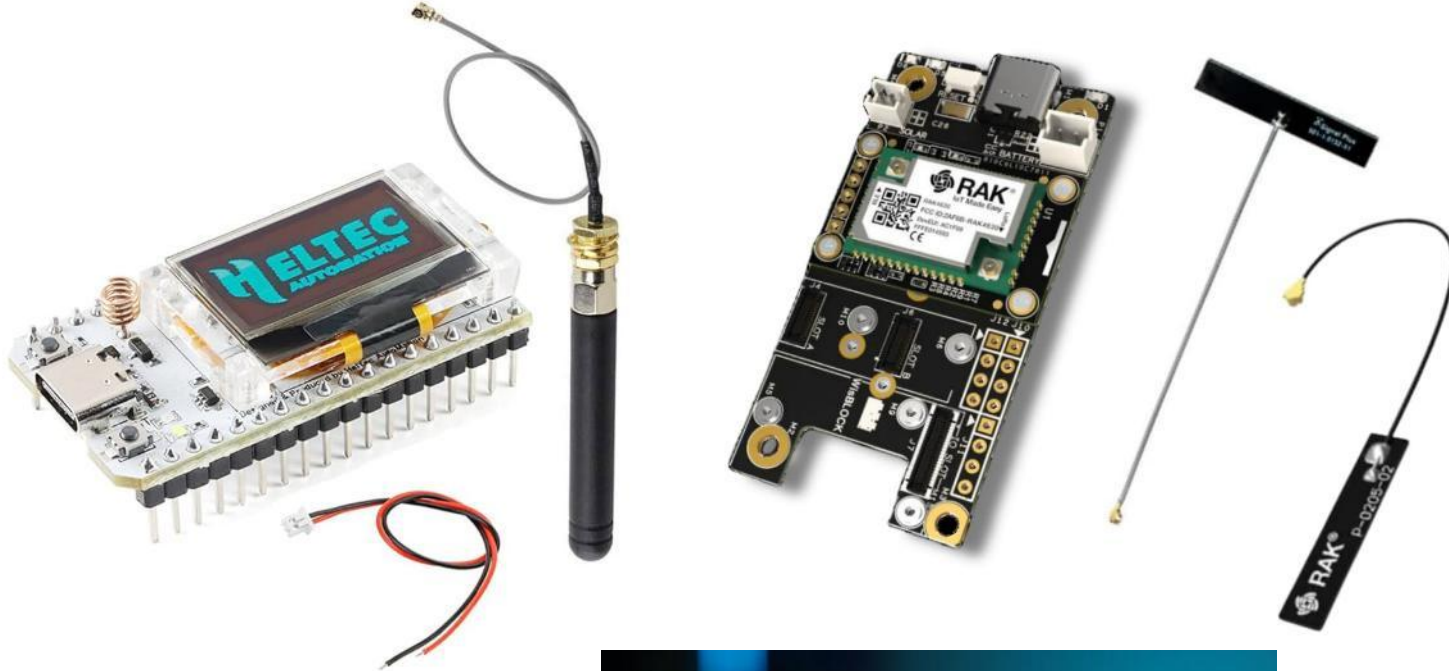
DEVICES

Etsy, or 3D printing websites have hundreds of products and designs.



HARDWARE

Manufacturers are gearing up and producing more products that feature Meshtastic as the primary use-case.



LET'S TALK SPECTRUM



Meshtastic resides in the ISM band.

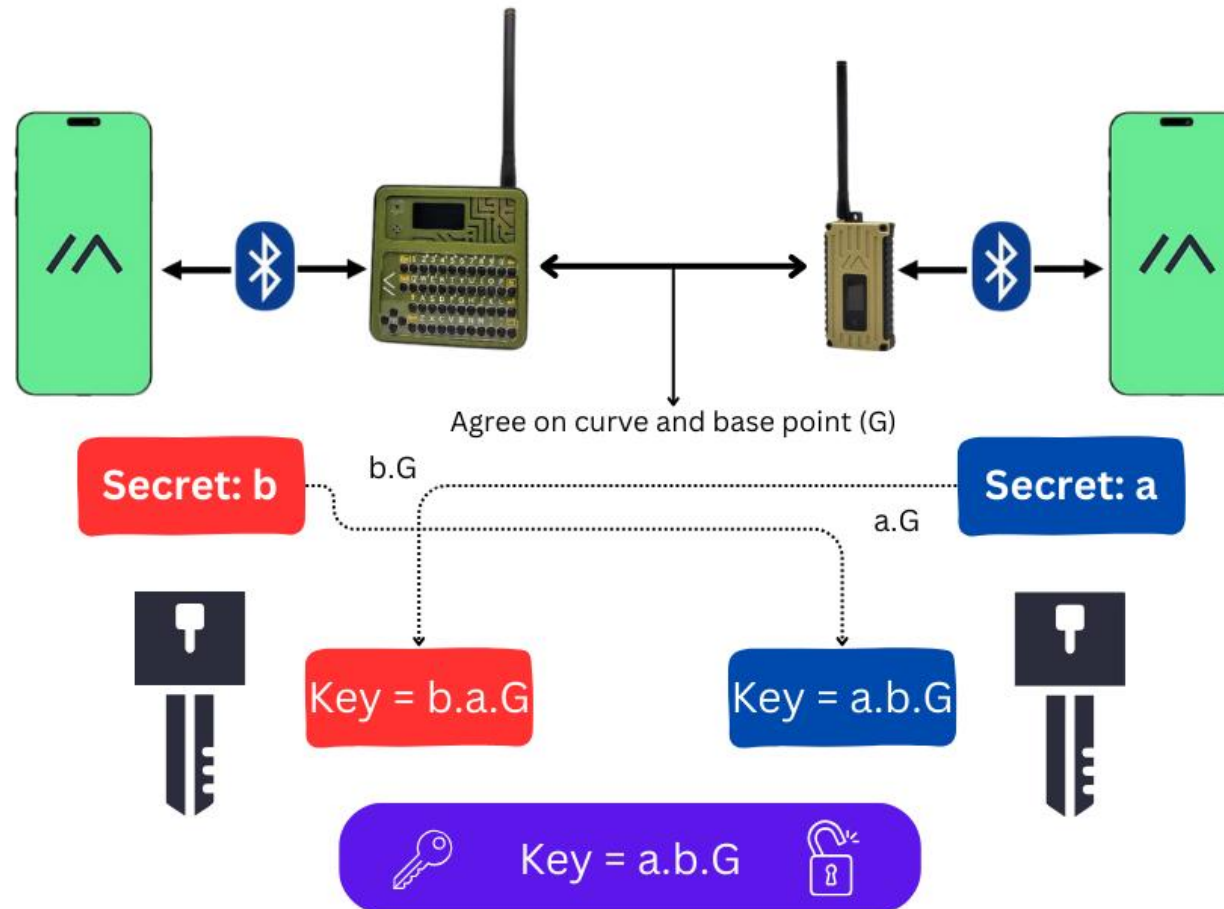
868 MHz(EU)/915 MHz(US)

US Amateur Radio = 902-928 MHz (underutilized)



ENCRYPTION

Meshtastic payloads are encrypted. Despite this, nodes **do not** need to *decrypt* a message to forward it.



HOW-TO

Using Meshtastic is pretty easy. It's designed to be easy to use, even if the way it work in the background is complicated.

1

Meshtastic-capable device



2

Cell phone



3

Other nodes to communicate with



HOW-TO

In some cases, you don't need a phone at all!



Tracking only

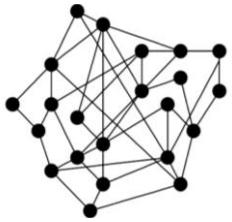
(but phone still works!)

USE CASES AND PROJECTS

Possibilities are endless!

1

Off-Grid,
decentralized
and private
communication.



2

Strategic location
tracking of field
operatives or
equipment



3

Weather or air
conditions
reporting



4

Remote sensor
telemetry



5

You decide!



A little about WPAMesh
and what it means for the
Meshtastic users in our
area.

Visit us at WPAMesh.net



Our mission

To coordinate and support the
Meshtastic community in the
Western-Pennsylvania area.

We do this by...

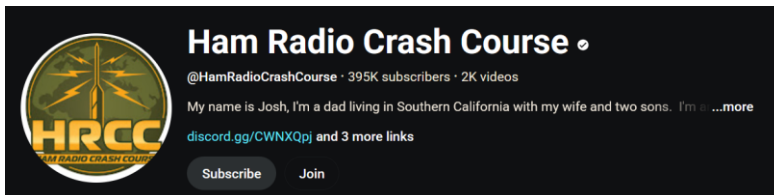
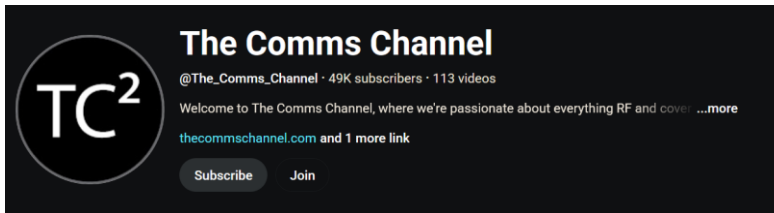
Running multiple online forums that
People of any skill level can join to
Share their projects or ask questions.

Our community

is growing by the day and every
node added to the network just
adds to it's usability for all!

RESOURCES

Besides meshtastic.org...



[r/meshtastic](https://www.reddit.com/r/meshtastic)

<https://discord.com/invite/meshtastic>

