

Greg

Also known as TBRG — `greg_ca` on Discord

Hello, I'm Greg

I'm located in **Ashton, Ontario**, just west of Ottawa, and have been involved with the Ottawa mesh community since around **June 2024**.

My background is in IT and electronics, and I operate [The Board Repair Guy](#) — hence the **TBRG** nickname.

My work primarily involves electronics and board-level repair, including phones, tablets, computers, appliance and industrial control boards, and automotive electronic modules. I also do microsoldering, diagnostics and automotive module programming.

Radio hardware, embedded electronics and mesh networking fit pretty naturally into the collection of things I like experimenting with.

How did I discover MeshCore?

I originally got involved after finding the Ottawa Meshtastic community in the summer of 2024 and spent the following 9–12 months experimenting with Meshtastic.

Meshtastic was a great introduction to LoRa mesh networking, but over time we found that it didn't perform particularly well for what we were trying to build in the Ottawa area.

Once we discovered **MeshCore**, things changed very quickly. Its architecture and performance were much better suited to what we wanted from a local mesh, and since then it has pretty much been **full steam ahead**.

I've been experimenting with nodes, antennas, repeater locations and infrastructure ever since.

Repeaters

My most prominent repeater is [Ashton GrainBin](#), located in Ashton, Ontario.

The repeater antenna is installed approximately **134 ft (41 m) above ground** on my brother's grain elevator, providing an excellent site for coverage through the western Ottawa and eastern Lanark County area.

[Ashton GrainBin](#) is listed under the **Beckwith, ON** repeater area.

Additional repeaters and infrastructure projects will be linked here as they are added.

My MeshCore nodes

Most of my MeshCore node names begin with **TBRG_**, so if you see names such as:

- TBRG_Wio
- TBRG_1W
- TBRG_...

...there's a pretty good chance it's one of mine.



Contact

On the mesh, look for one of the **TBRG_** nodes.

I'm usually happy to talk about MeshCore, electronics, repeaters, antennas, hardware troubleshooting, or anything involving taking electronic things apart and figuring out how they work.

Discord: [greg_ca](#)

Ottawa Mesh Discord: [Join the Ottawa Discord server](#)

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