

# MeshCore App (Official)

## Overview

The **MeshCore App** is the official companion application for MeshCore devices, developed by Liam Cottle, who builds the official MeshCore client apps. The MeshCore protocol itself was created by Scott (Ripple Radios / ripplebiz). It is the recognized standard for device setup across the [CascadiaMesh](#) and [RegionMesh](#) communities.

## Platforms & Availability

- **iOS:** App Store (free)
- **Android:** Google Play (free)

## Connection Methods

- BLE (primary - most common)
- USB serial

## Features

- Direct messaging with end-to-end encryption (E2EE)
- Public channel messaging
- Node management and status monitoring
- Radio configuration (TX power, frequency, spreading factor)
- **Choose Preset wizard** - guided setup for USA/Canada regional presets
- Repeater administration (clock sync, stats, adverts)
- Room server administration

## Required For

- Initial setup of any MeshCore companion device
- Setting the USA/Canada regional preset on a new node
- Configuring radio settings

# Cost

Free. The app offers an optional **Premium** in-app purchase for cosmetic extras (e.g. ad removal, dark theme, and other personalization options); the core device-setup and administration features, including repeater and room server administration, are not paywalled. See MeshCore Open below for a fully open-source alternative.

# Notes

This is the "official" app as recognized by the CascadiaMesh and RegionMesh communities. If you are setting up a MeshCore device for the first time, start here.

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