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Pairing the Asteri GNSS receiver to Orbitas on Android for RTK corrections



Pairing the Asteri GNSS receiver to Orbitas on Android for RTK corrections

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Recommended Reading

- Pairing the Asteri

Pairing the Asteri GNSS receiver to Orbitas on Android for RTK corrections

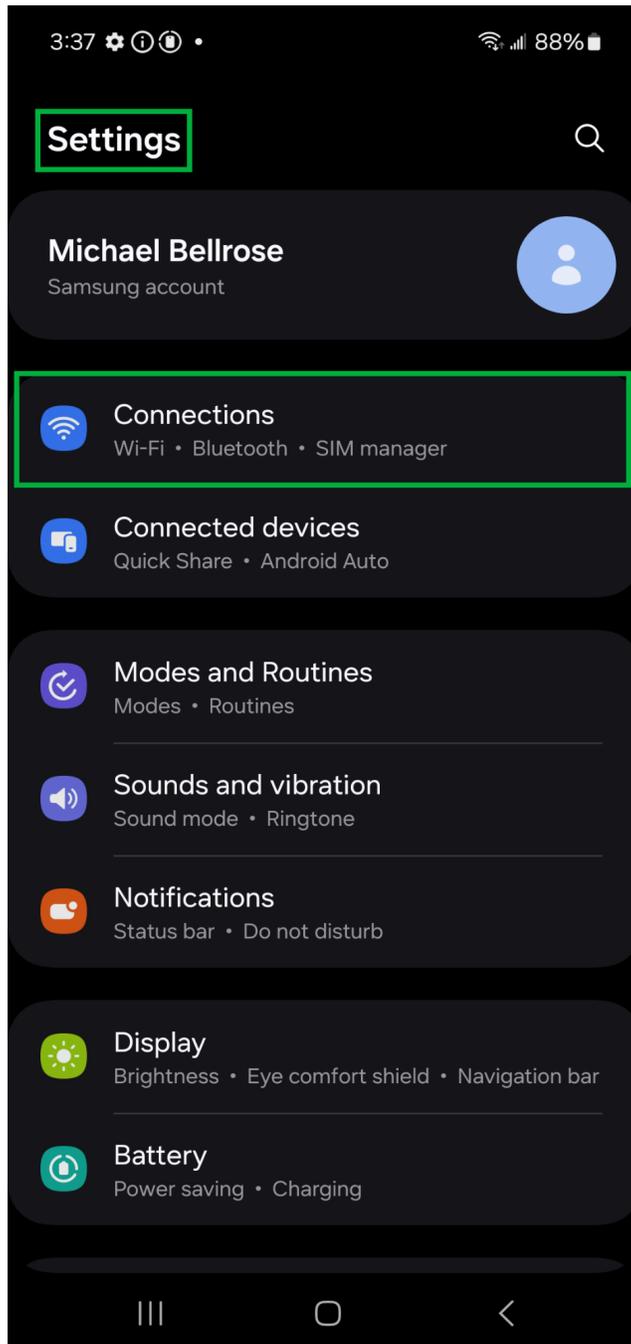
Device and Software versions used:

- Asteri X4i GNSS Receiver
- Android Galaxy A16 5G Phone
- Android Version 14
- Orbitas

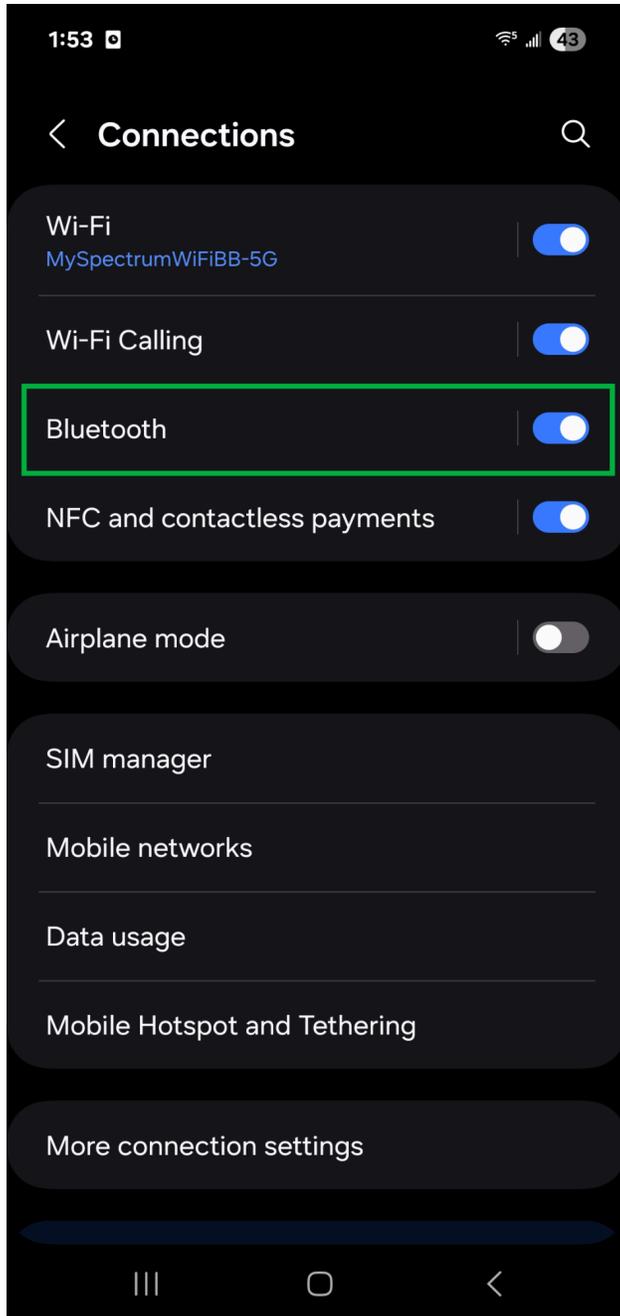
Initial Pairing

1. Turn on the Asteri receiver and place in clear view of the sky before you begin pairing to your Android device.
2. Open up the main settings within your Android device
3. Select **CONNECTIONS**
4. Select **BLUETOOTH**
5. Ensure Bluetooth is **ON**
6. Look for “**ASTERI-(last 4 digits of the serial number)**” in the list of Available Devices, and select it to connect.

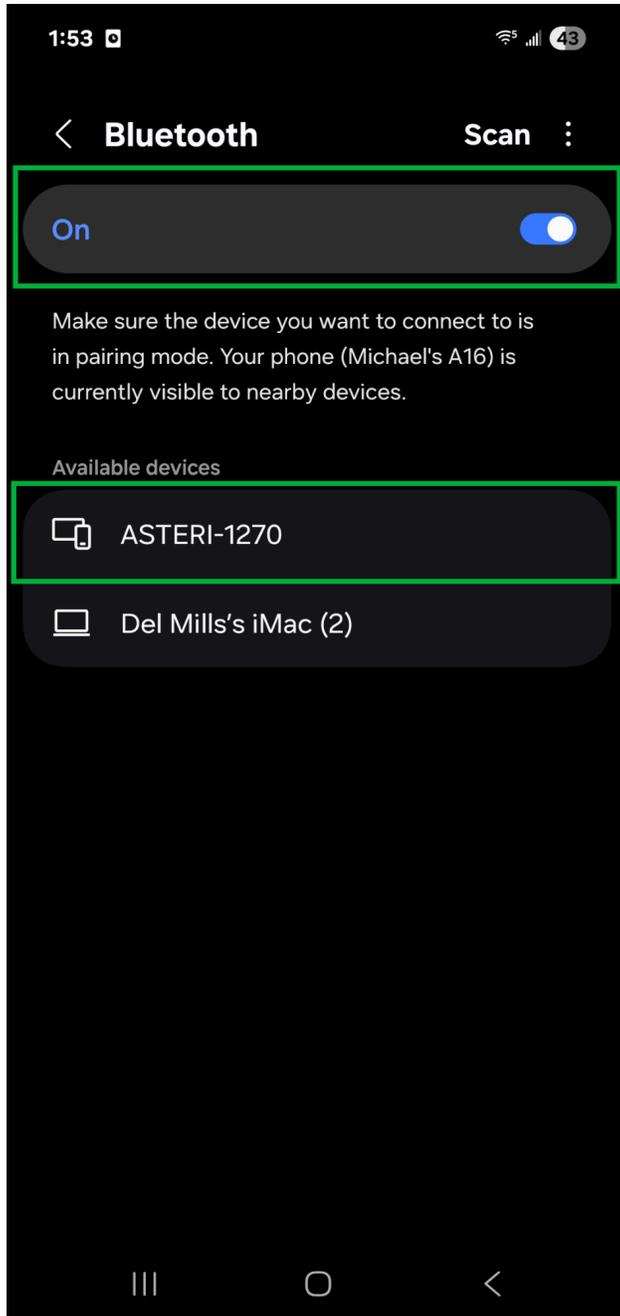
- a. X3, X2, and X1 models will only show the last 3 digits of the serial number.
7. You will receive a request to pair. Select **PAIR**
8. Your Asteri GNSS device is now paired to your Android device



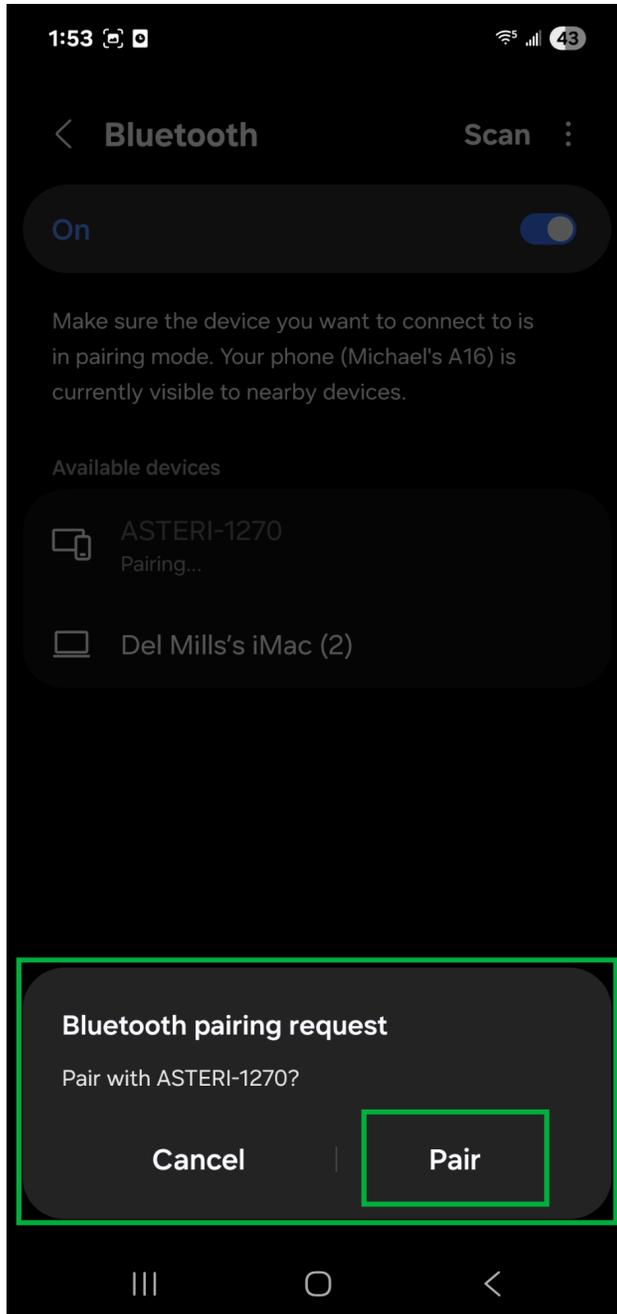
Selecting the Connections option within the Android General Settings menu



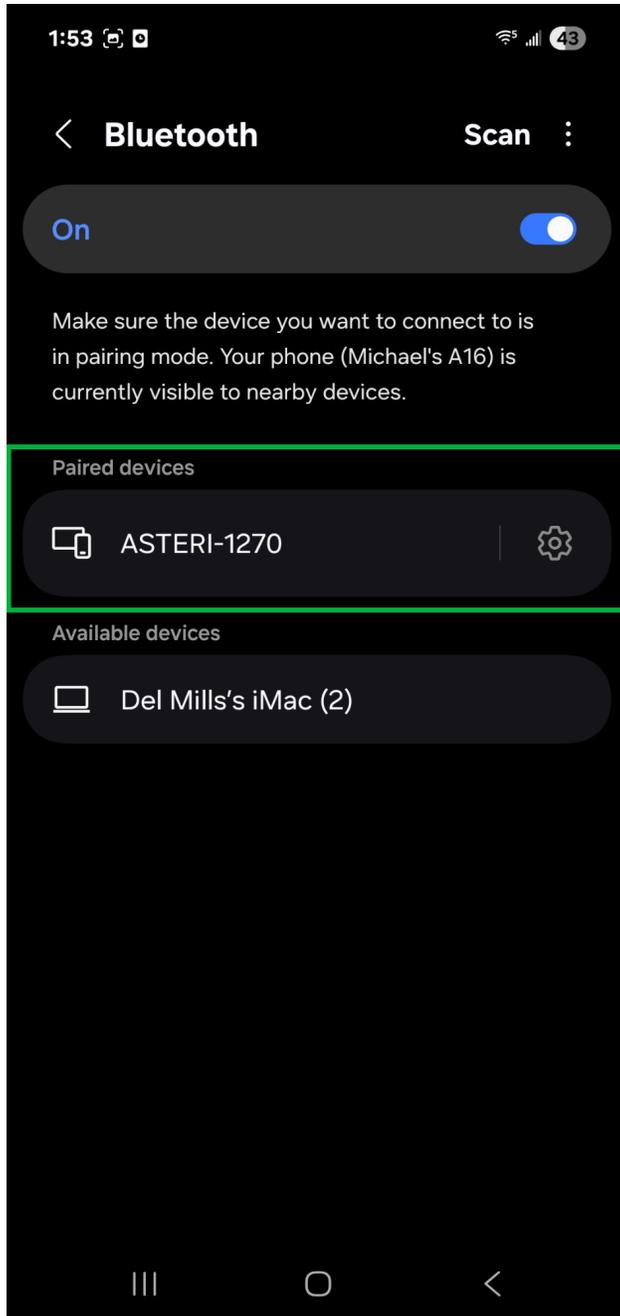
Selecting the Bluetooth option within the Android Connections Settings menu



Ensuring Bluetooth is ON, and selecting the Asteri from available devices



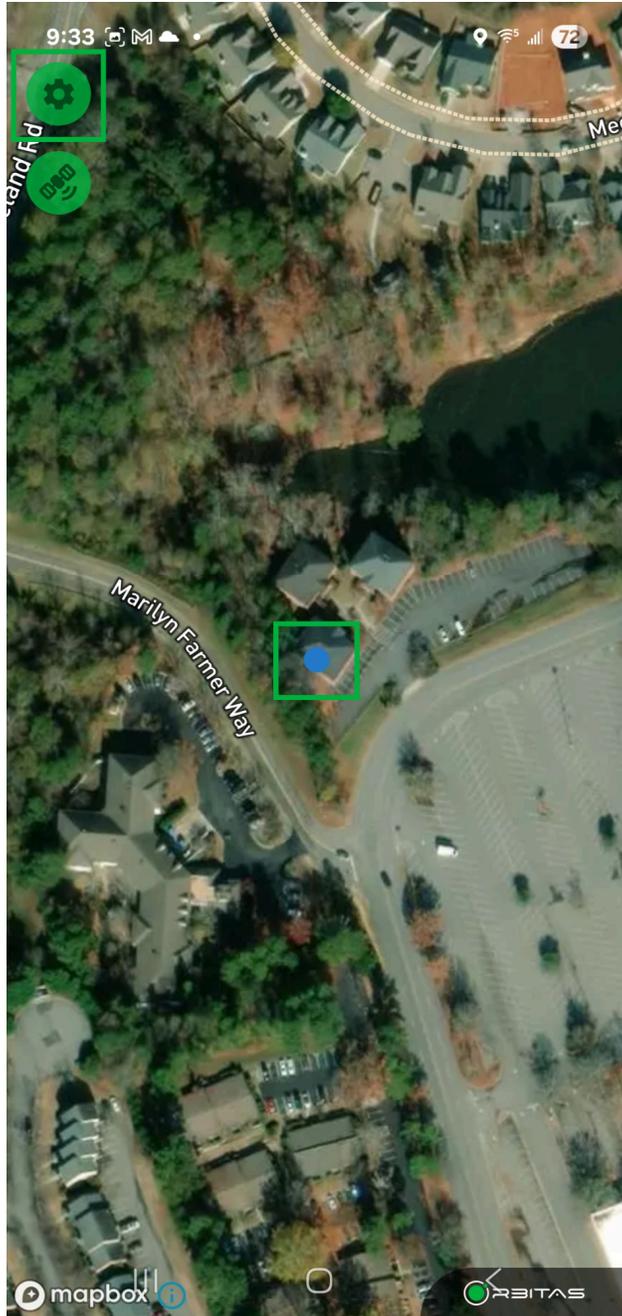
Accepting the Pair request



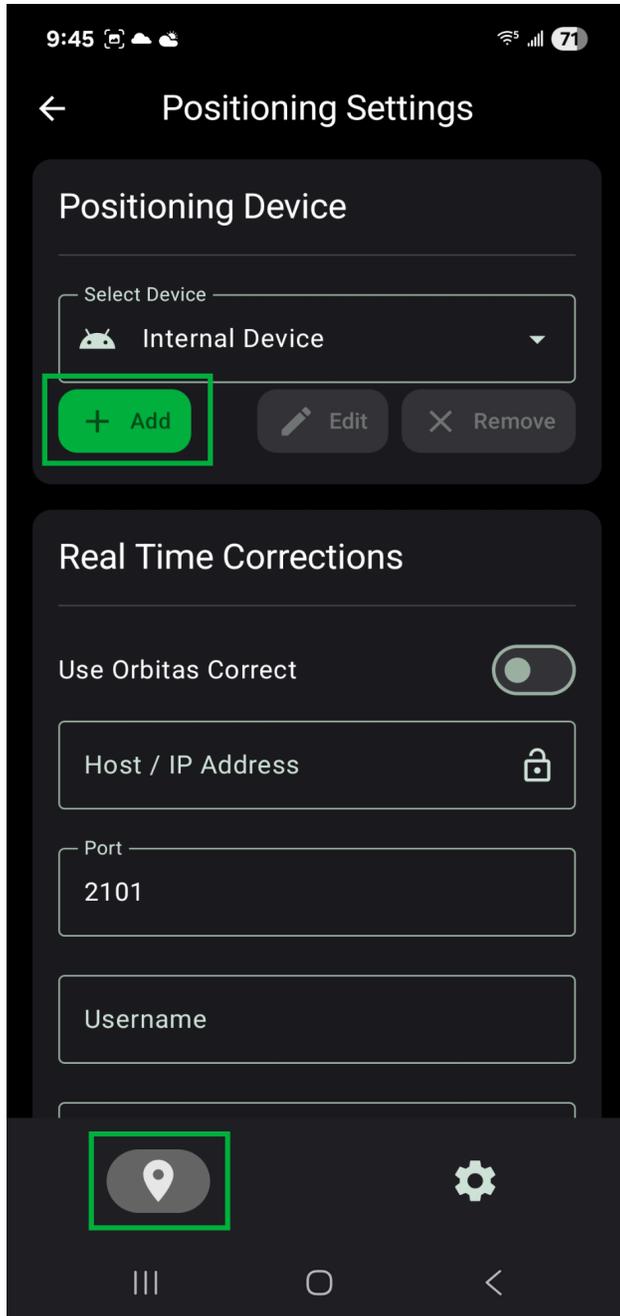
Asteri being displayed as a paired device to the Android

Utilizing Asteri GNSS within Orbitas on Android for RTK corrections

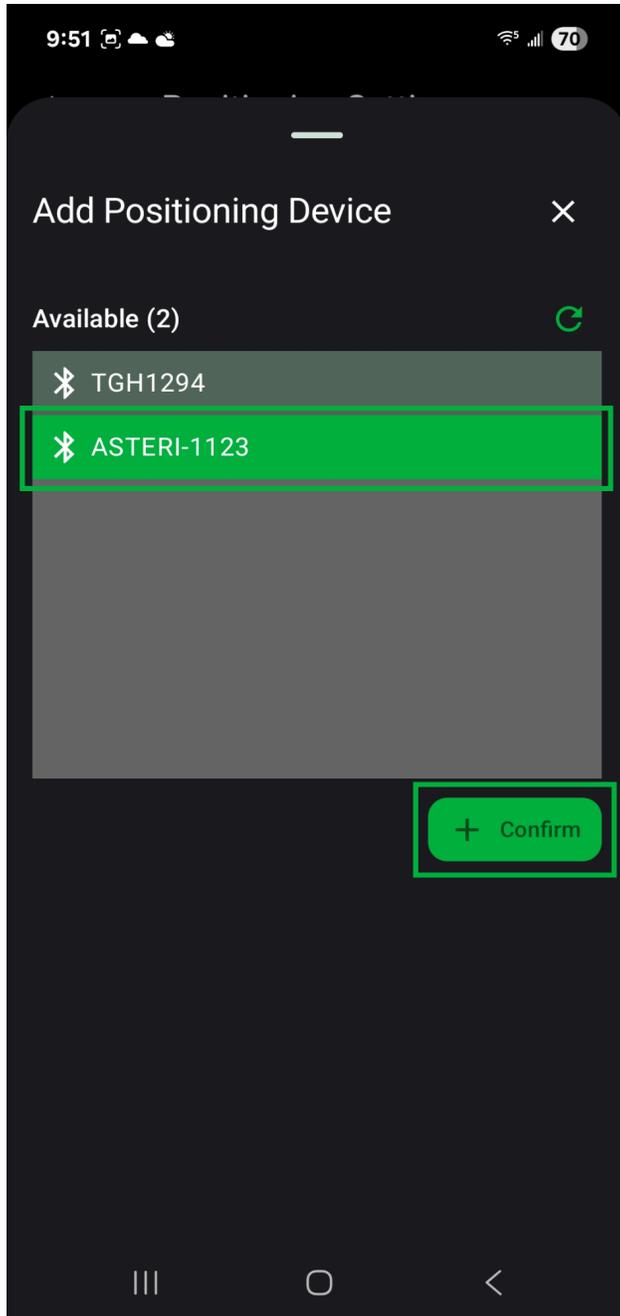
1. Launch the Orbitas app on your Android device
2. Click on the **Settings** icon from the main map screen.
3. Click on the **Positioning Settings** icon
4. Click on **ADD** Location Provider
5. Select your **Asteri** from the list of available providers
6. The Asteri is now paired to Orbitas on Android
7. Click on the **Settings** icon again then the **General Settings** icon to understand the different accuracy value indicators and change your display preferences.



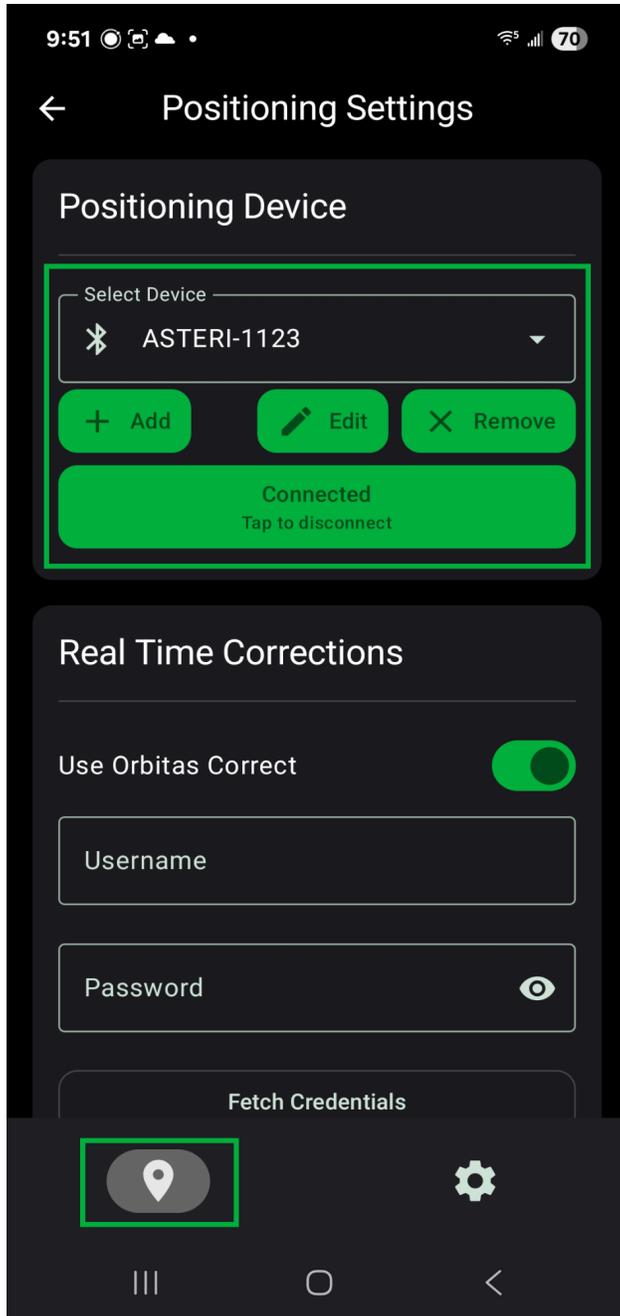
Main Settings icon within and current ILS location Orbitas on Android



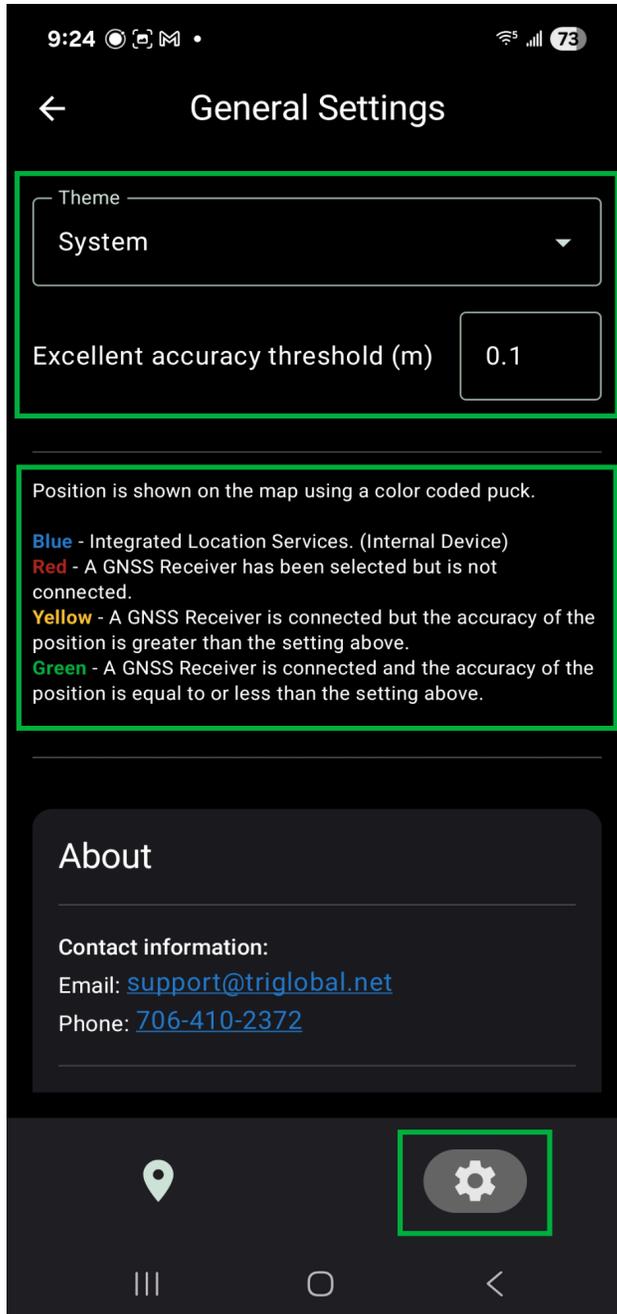
Positioning menu and adding a new device within Orbitas on Android



Adding the Asteri GNSS receiver for use with Orbitas on Android



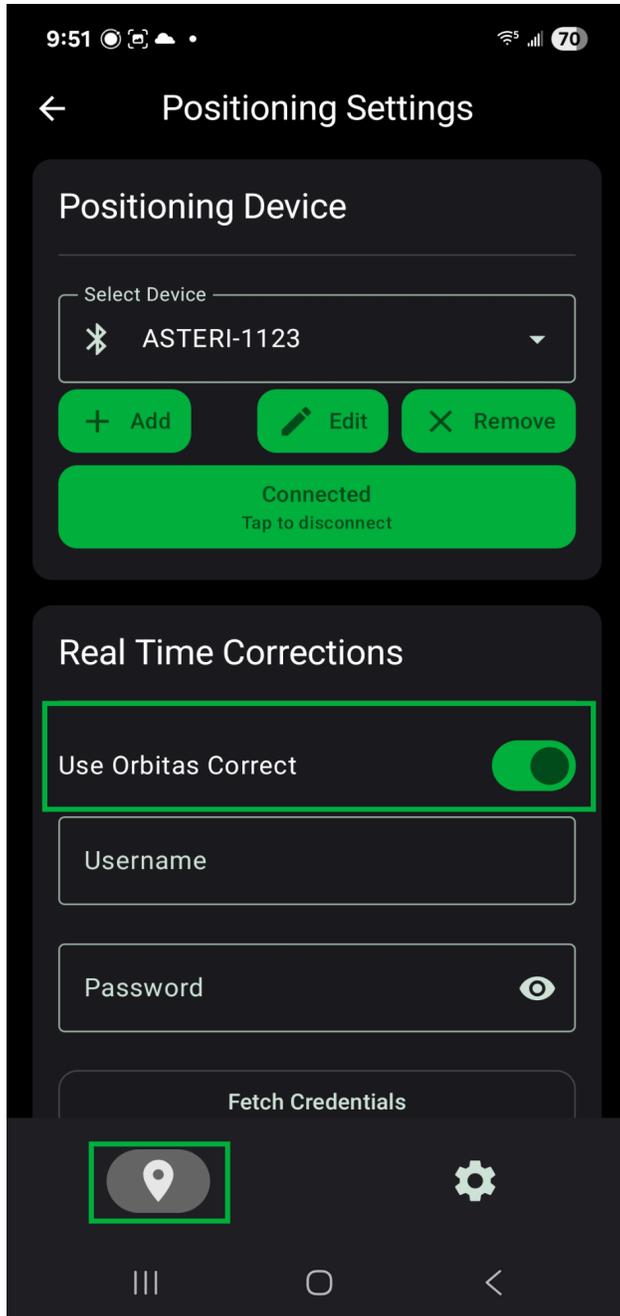
Asteri GNSS is now connected to Orbitas on Android



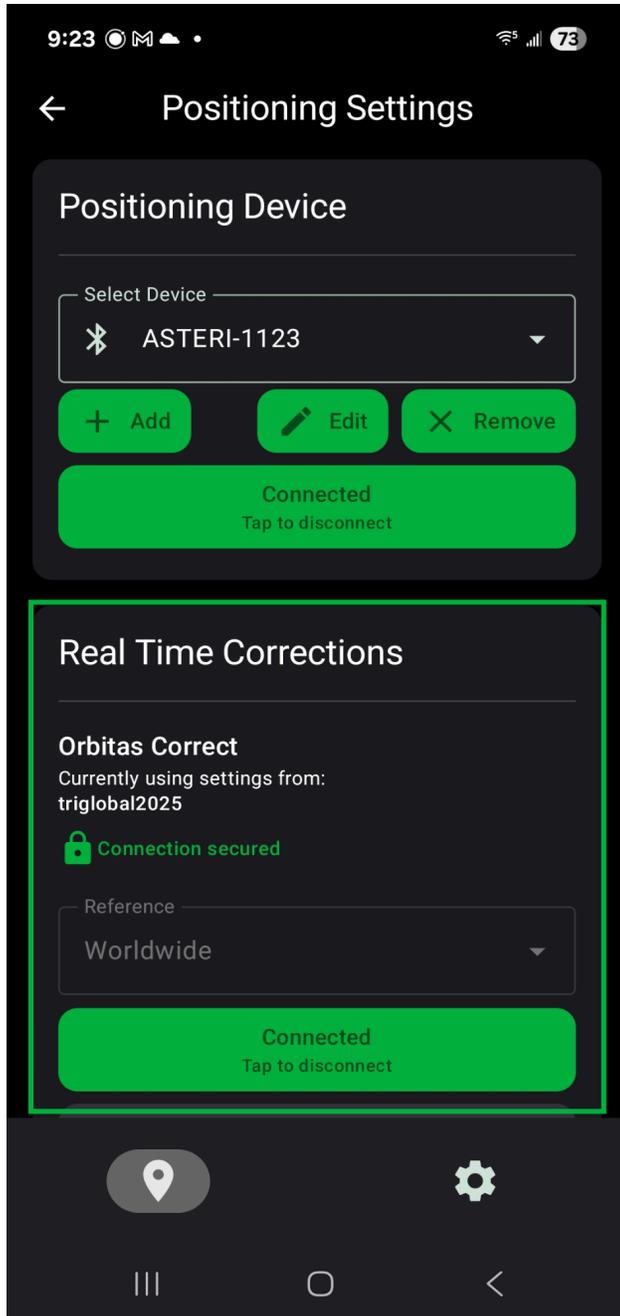
The General Settings menu within Orbitas on Android

Applying Orbitas Correct for RTK corrections

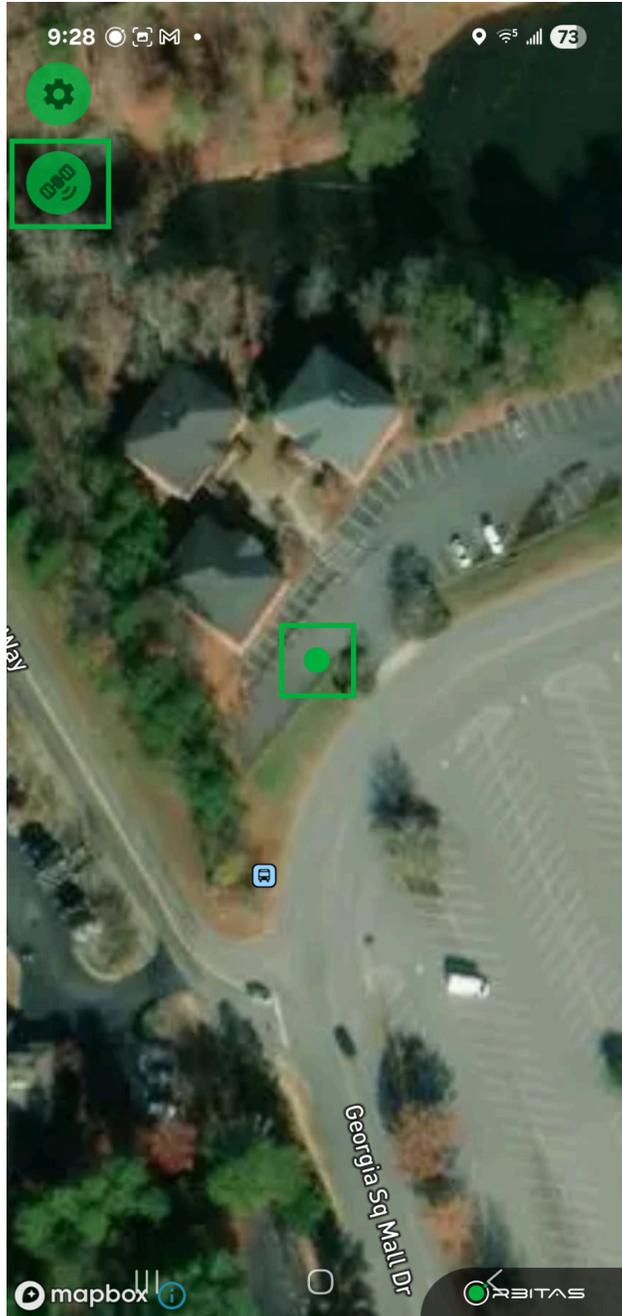
1. Click on the Settings icon and select the Positioning Settings icon
2. Turn the Use Orbitas Correct toggle ON
3. Enter your Orbitas Correct credentials. Please note these are the same credentials you use for your Orbitas login.
4. Click on Fetch Credentials to login
5. Orbitas on Android is now applying Orbitas Correct RTK corrections to your Asteri GNSS receiver.
6. You may now use your data collection app to begin mapping with the Asteri GNSS receiver and applied corrections.
7. Click on the Connection Statistics icon to view your current Connection statistics such as your accuracy value, quality, RTK status, and more!



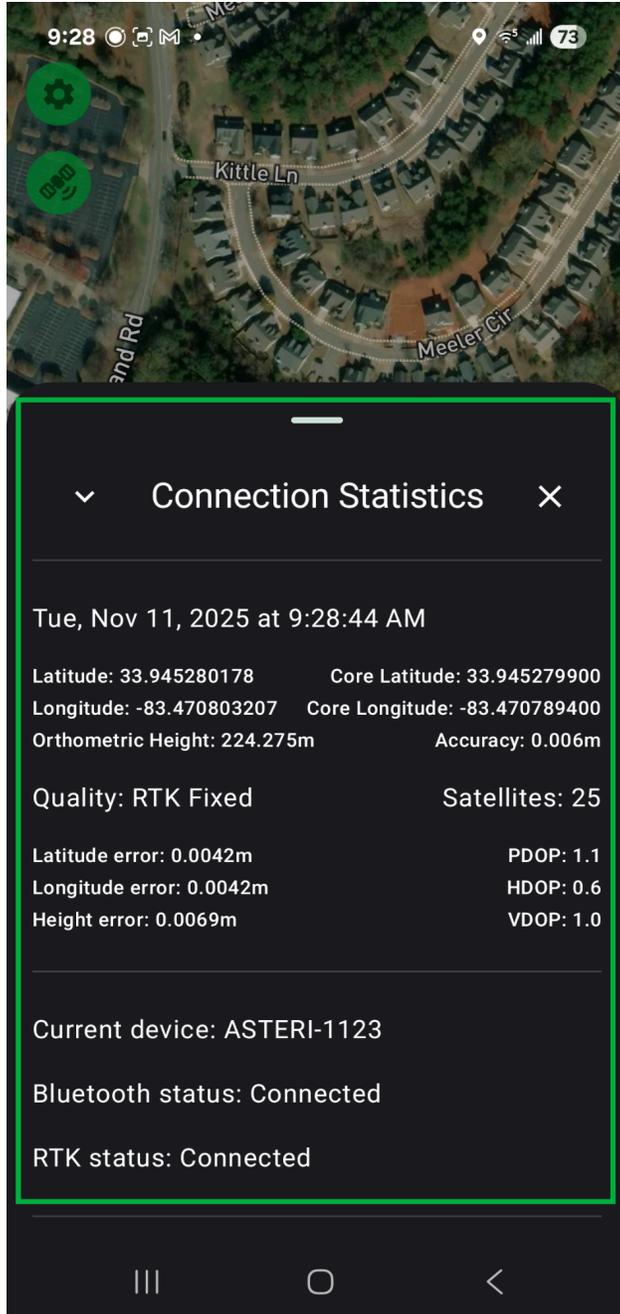
Turning on Orbitas Correct



Orbitas Correct is being applied within Orbitas on Android



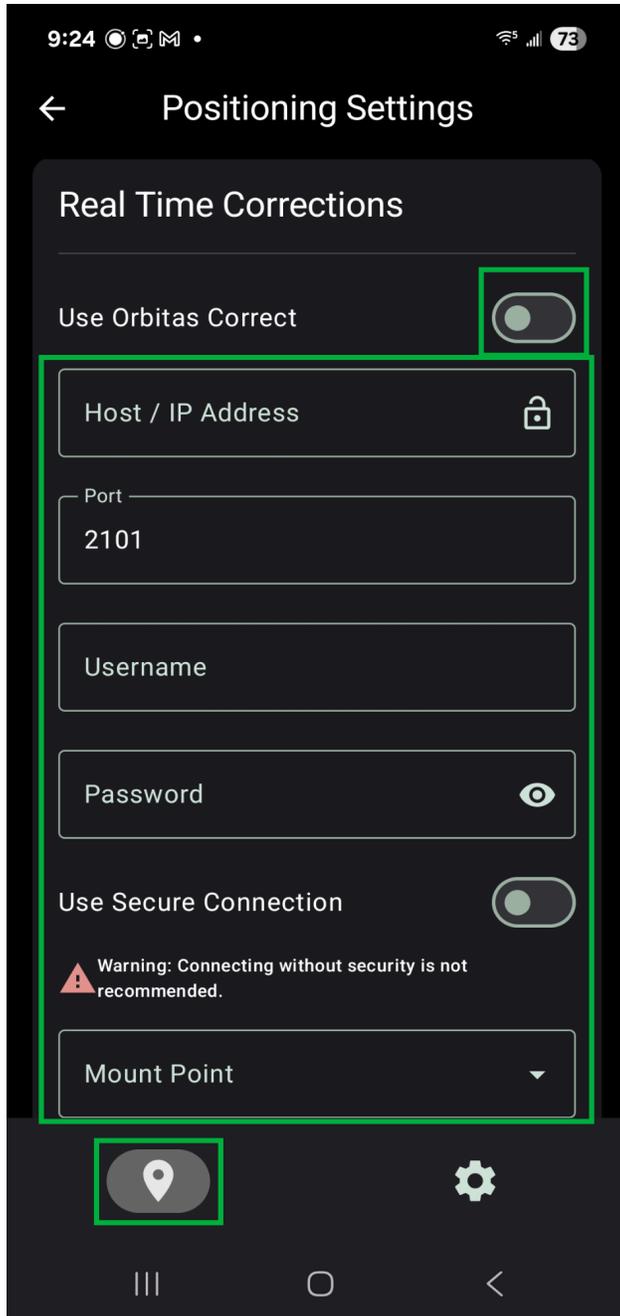
Connection Statistics icon and current location icon



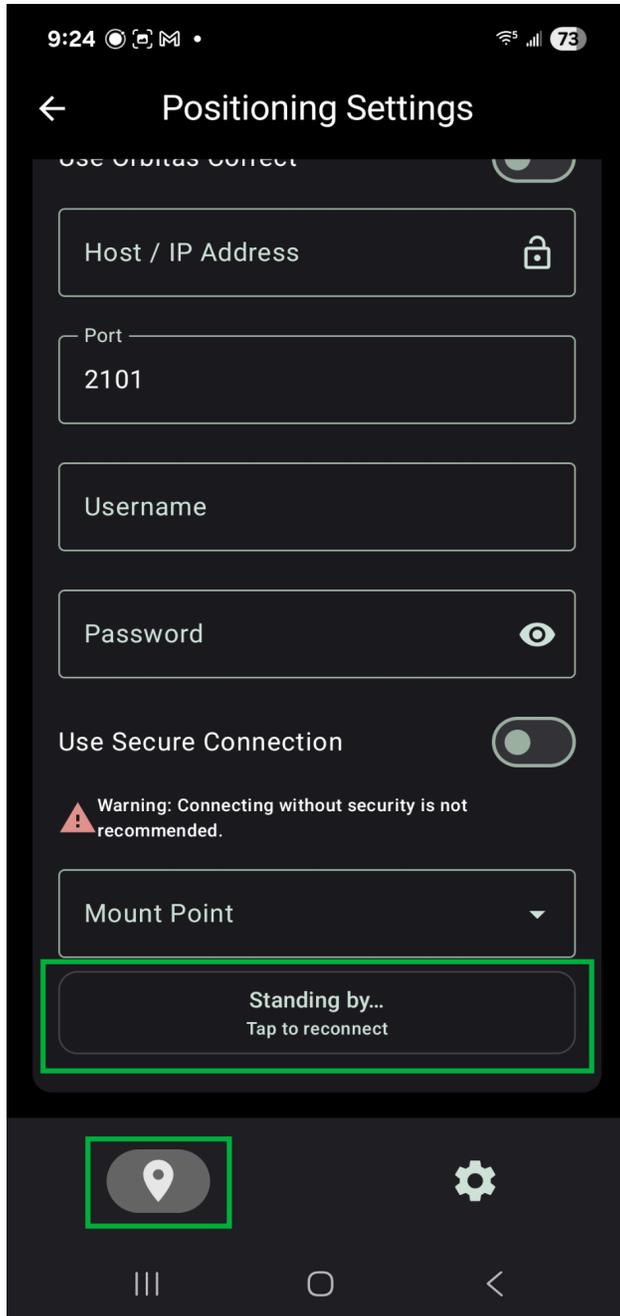
Connection Statistics within Orbitas on Android

Applying RTK corrections

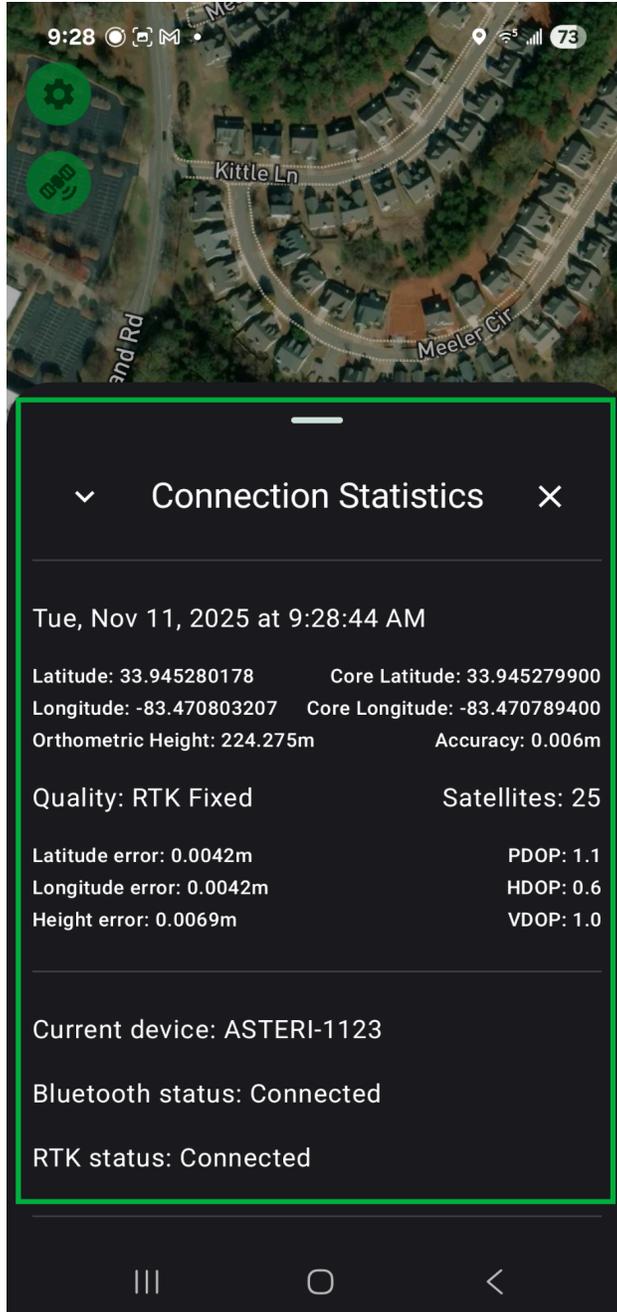
1. Click on the **Settings** icon and select the **Positioning Settings** icon
2. Turn the Use Orbitas Correct toggle **OFF**
3. Enter your RTK credentials. Please note Tri-Global is not responsible for keeping these records. If you do not know your credentials please contact your RTK provider.
4. Select your mounting point
5. Tap the Tap to Reconnect to begin applying your RTK.
6. Orbitas on Android is now applying RTK corrections to your Asteri GNSS receiver.
7. You may now use your data collection app to begin mapping with the Asteri GNSS receiver and applied corrections.
8. Click on the **Connection Statistics** icon to view your current Connection statistics such as your accuracy value, quality, RTK status, and more!



Applying RTK network credentials to Orbitas on Android



Applying RTK network corrections within Orbitas on Android



Connection Statistics within Orbitas on Android

Related Resources

- [Resolving Connection Issues](#)