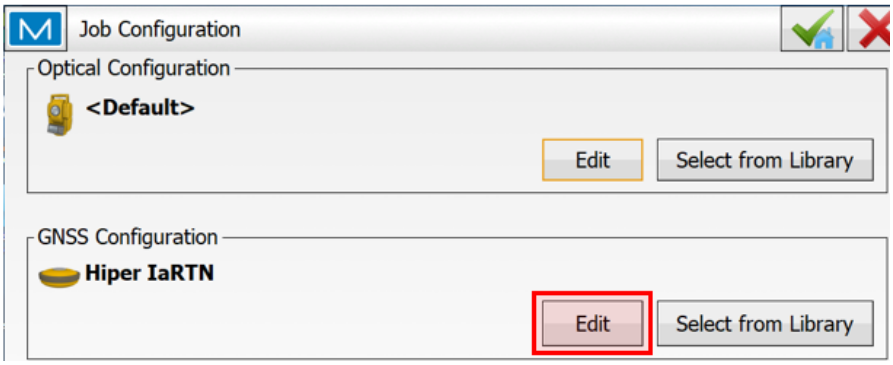
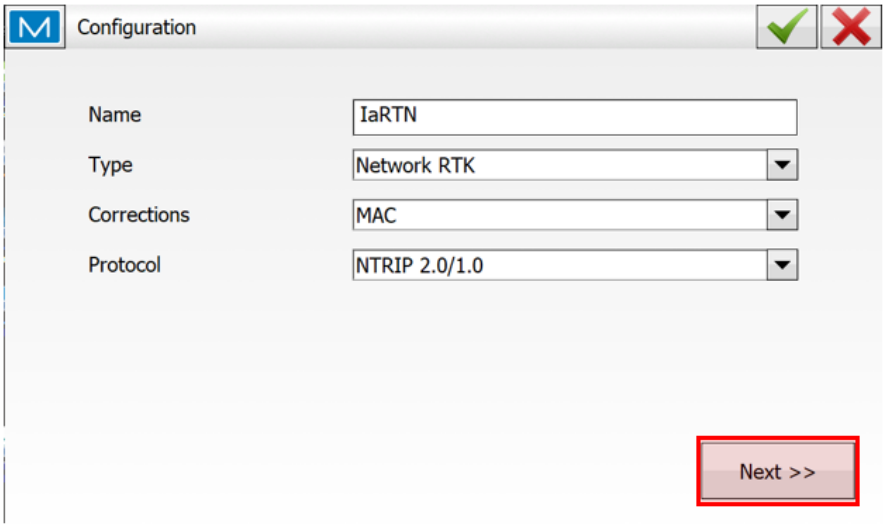
June 17, 2025

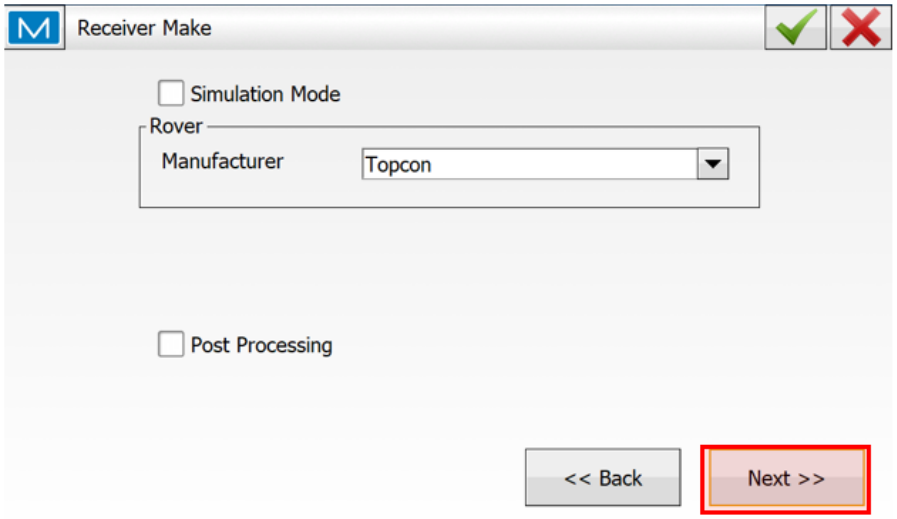
Topcon MAGNET NTRIP Settings

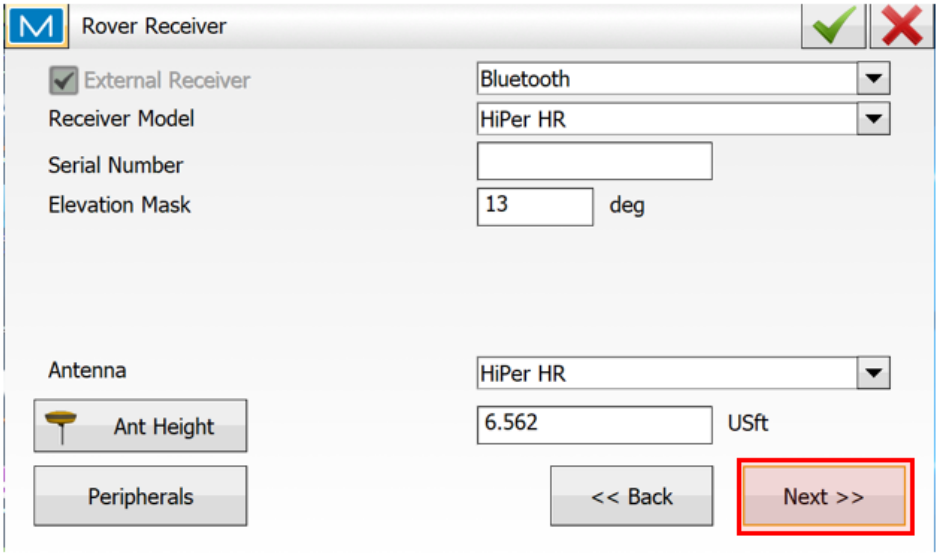
This document provides step-by-step instructions for configuring Topcon MAGNET NTRIP settings. If you have any questions, please contact your software support.

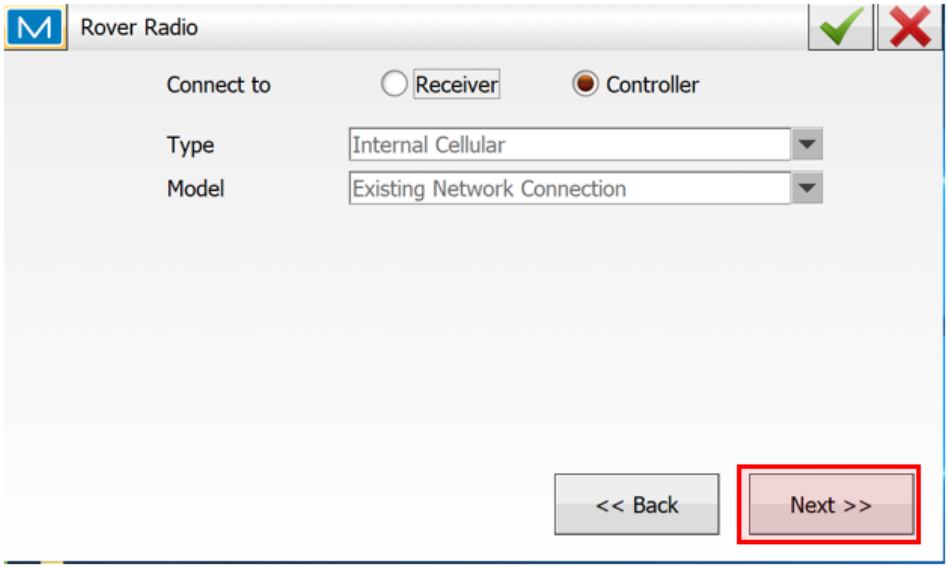
1. From the Home Screen click Configuration

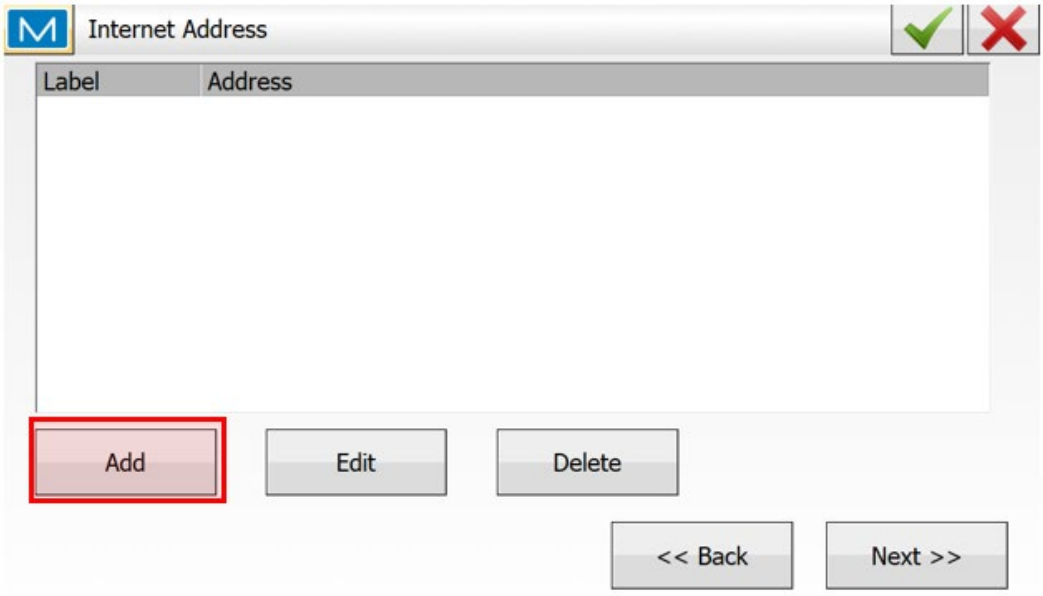

Job Configuration
Optical Configuration
<Default>
Edit
Select from Library
GNSS Configuration
Hiper IaRTN
Edit
Select from Library


Configuration
Name
IaRTN
Type
Network RTK
Corrections
MAC
Protocol
NTRIP 2.0/1.0
Next >>

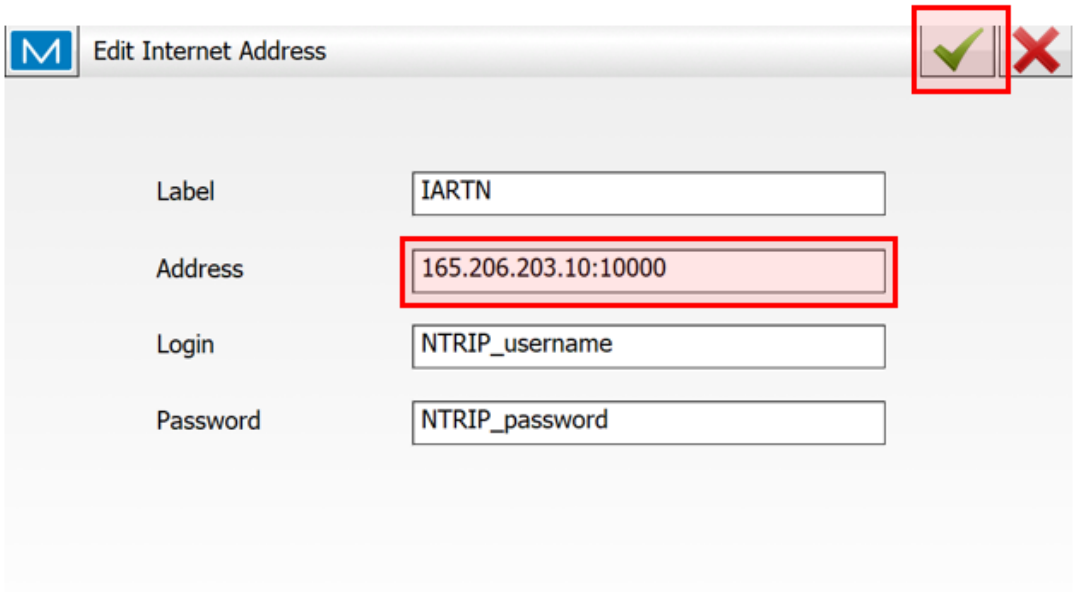

Receiver Make
Simulation Mode
Rover
Manufacturer
Topcon
Post Processing
<< Back
Next >>

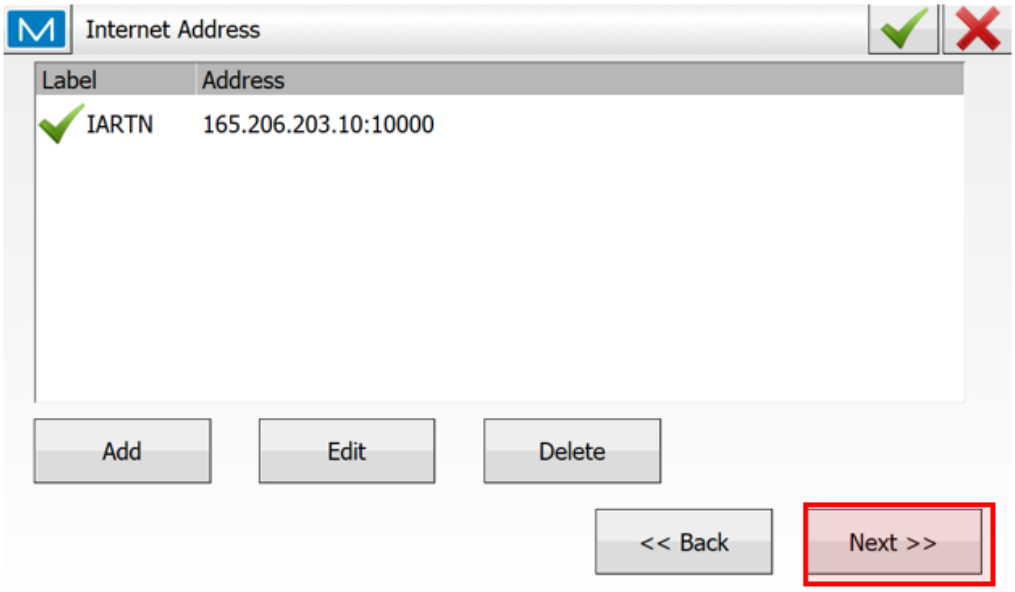

Rover Receiver
External Receiver
Bluetooth
Receiver Model
HiPer HR
Serial Number
Elevation Mask
13
deg
Antenna
HiPer HR
Ant Height
6.562
USft
Peripherals
<< Back
Next >>


Rover Radio
Connect to
Receiver
Controller
Type
Internal Cellular
Model
Existing Network Connection
<< Back
Next >>

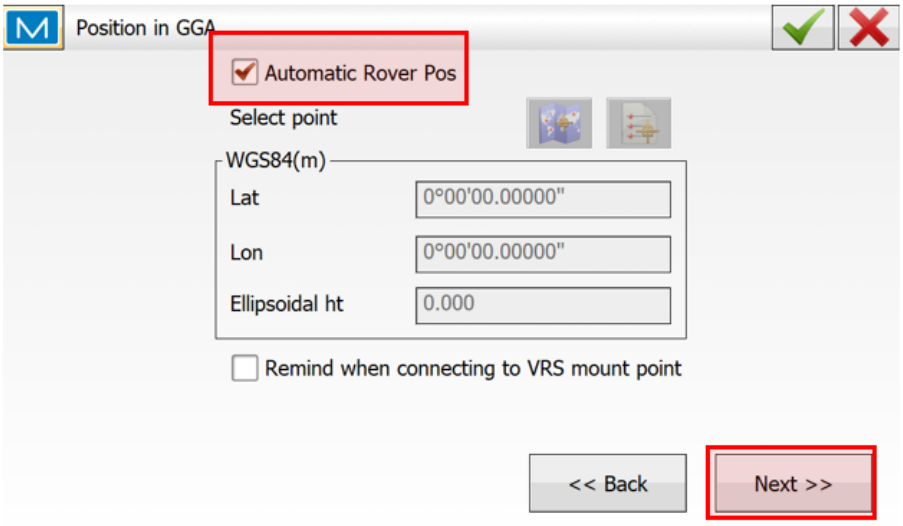


2. Label the connection IaRTN. Enter the IP address and port number. User your NTRIP username and password from SBC. Click the green check mark





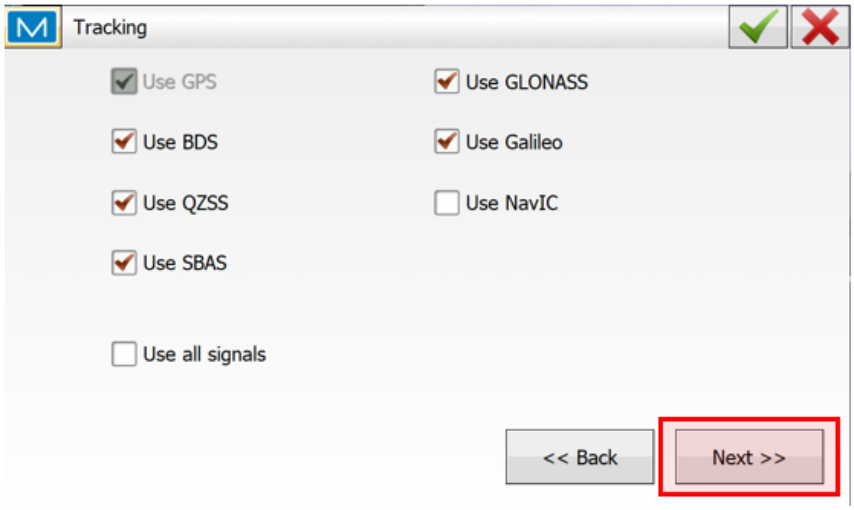
3. Check ‘Automatic Rover Pos’ this step will send the GGA message to the RTN server when you log in.



4. Click Next

** The next 9 screens are to be set up according to your preferences. **

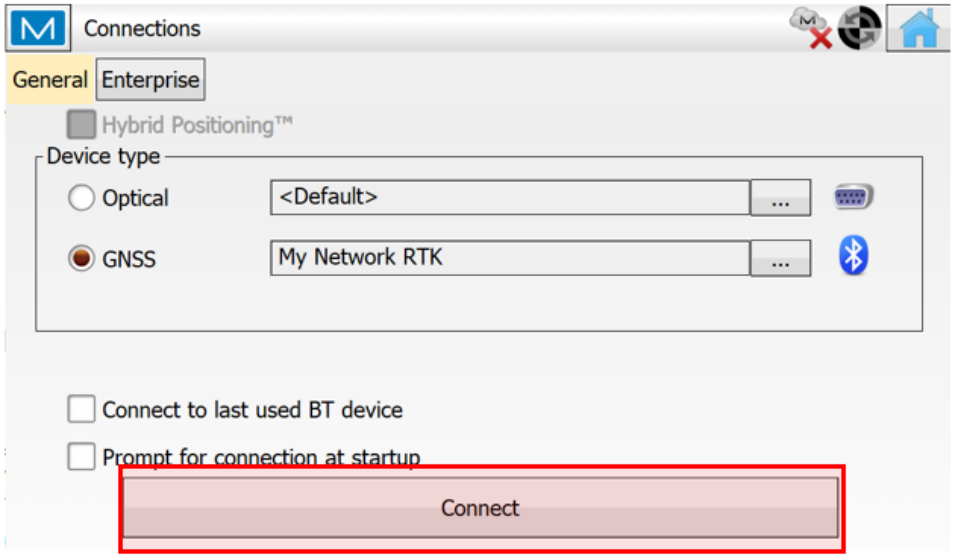
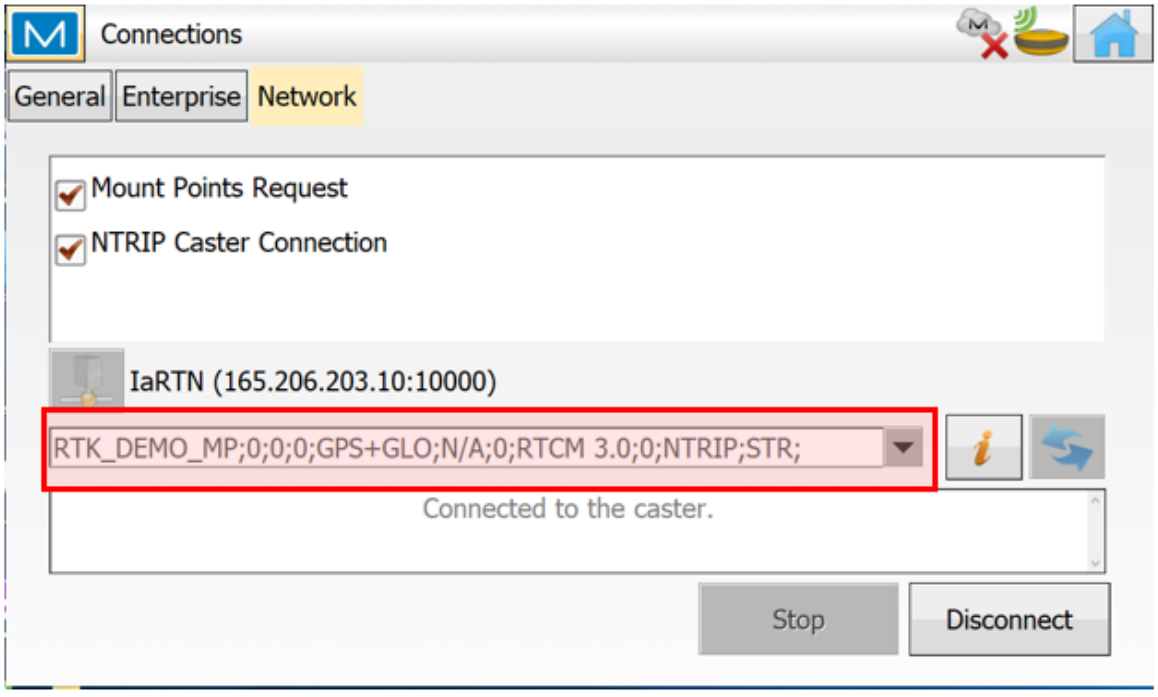
5. On the Tacking screen check on the constellations that are available according to your equipment.



6. Click Next through the last windows or click the green check mark in the top right corner to finish the set up.

Mount Point List:

7. From the Home screen click Connect



8. Select the mount point from the list.