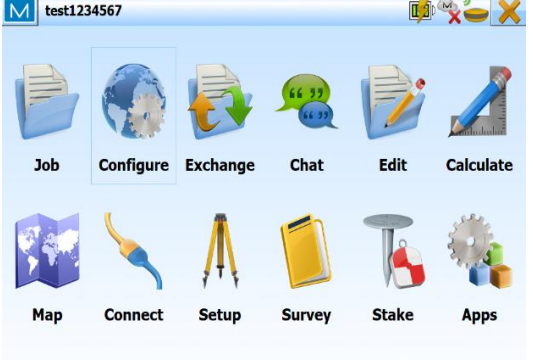

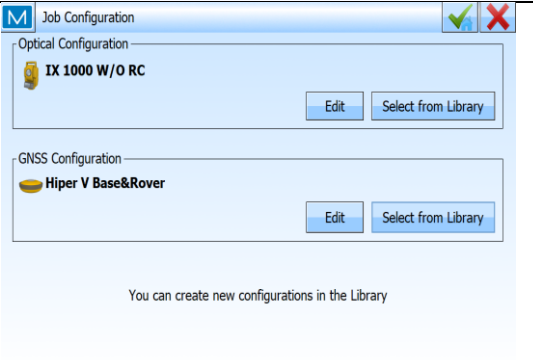
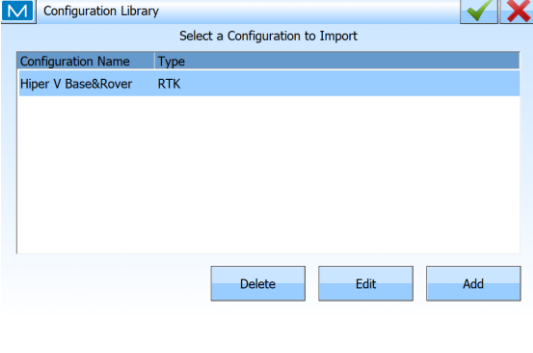


Topcon Magnet: Create GNSS Network Rover Configuration

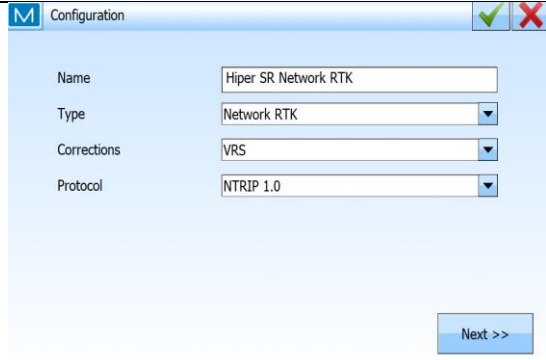
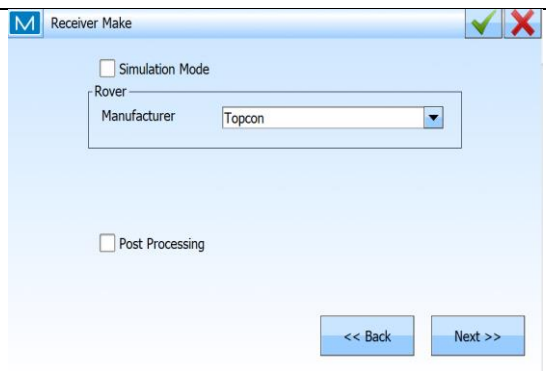
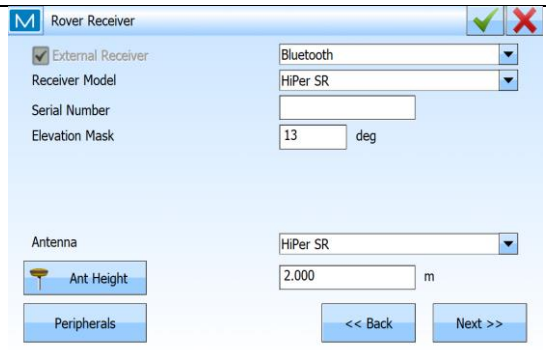
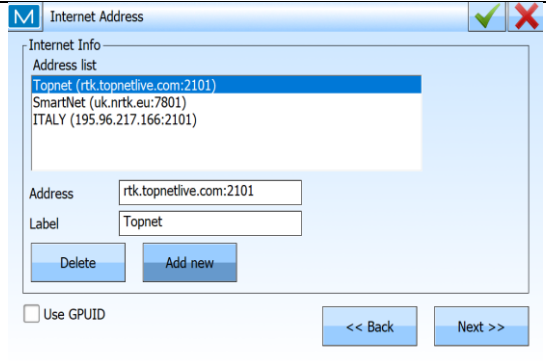
1		Select Configure
2		Select Survey
3		In the GNSS Configuration section click Select from Library
4		Click Add

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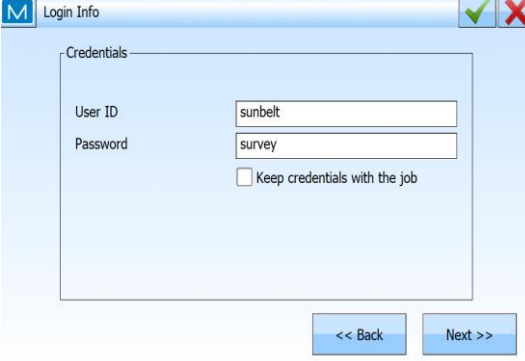
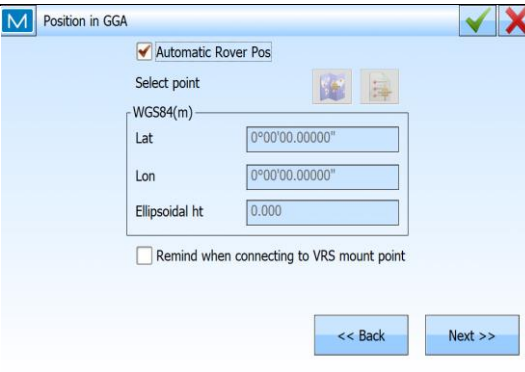
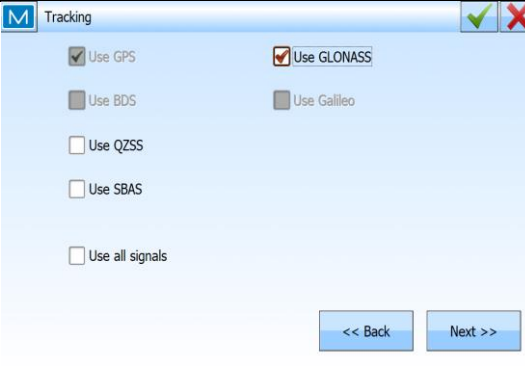
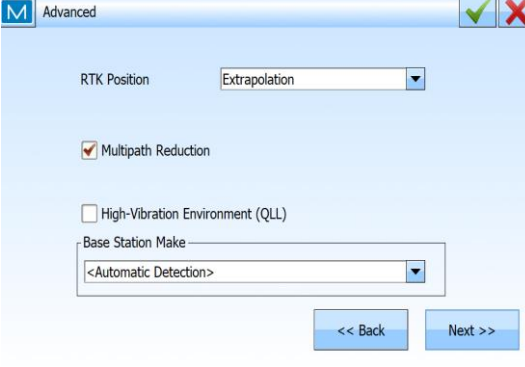
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5	 <p>Configuration</p> <p>Name: Hiper SR Network RTK</p> <p>Type: Network RTK</p> <p>Corrections: VRS</p> <p>Protocol: NTRIP 1.0</p> <p>Next >></p>	<p>Name the configuration so you can identify it, usually I use the instrument model and working style, in this case Hiper SR Network RTK</p> <p>Set other options as shown and click Next</p>
6	 <p>Receiver Make</p> <p><input type="checkbox"/> Simulation Mode</p> <p>Rover</p> <p>Manufacturer: Topcon</p> <p><input type="checkbox"/> Post Processing</p> <p><< Back Next >></p>	<p>Set the Manufacturer to Topcon or Sokkia depending on the instrument you are using then click next</p>
7	 <p>Rover Receiver</p> <p><input checked="" type="checkbox"/> External Receiver</p> <p>Receiver Model: Bluetooth</p> <p>Receiver Model: HiPer SR</p> <p>Serial Number: </p> <p>Elevation Mask: 13 deg</p> <p>Antenna: HiPer SR</p> <p>Ant Height: 2.000 m</p> <p>Peripherals</p> <p><< Back Next >></p>	<p>Set your Receiver Model and leave other settings as shown and click Next</p>
8	 <p>Internet Address</p> <p>Internet Info</p> <p>Address list</p> <ul style="list-style-type: none"> Topnet (rtk.topnetlive.com:2101) SmartNet (uk.nrtk.eu:7801) ITALY (195.96.217.166:2101) <p>Address: rtk.topnetlive.com:2101</p> <p>Label: Topnet</p> <p>Delete Add new</p> <p><input type="checkbox"/> Use GPUID</p> <p><< Back Next >></p>	<p>Select the NTRIP server you would like to use. In this case they are already created but to create a new one type in the Address followed by a colon: and the port number, type a name in Label and click Add New</p> <p>Click Next</p> <p>N.B Smartnet address: uk.nrtk.eu:7801</p> <p>Topnet: rtk.topnetlive.com:2101</p>

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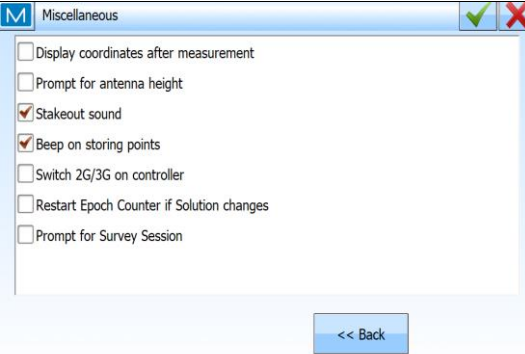
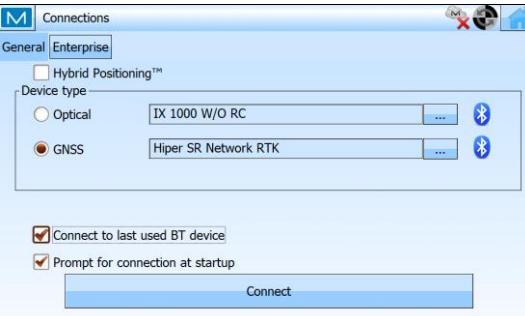
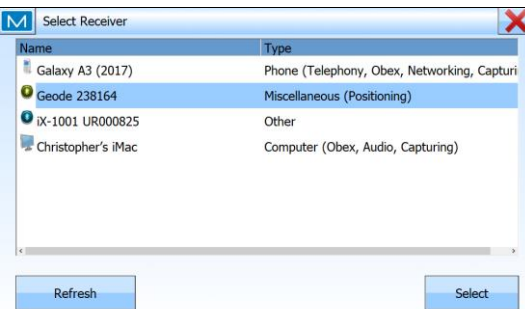
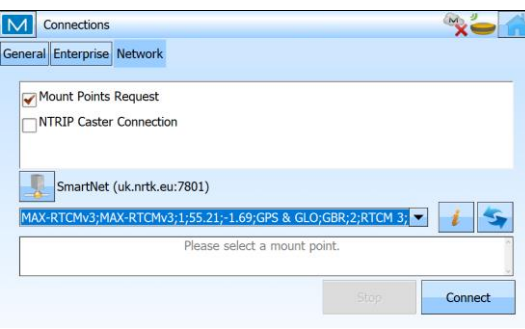
9		<p>Enter your NTRIP login details</p> <p>Tick the Keep Credentials with Job box if you want to save the login to the job file. In most cases this should stay unticked</p> <p>Click Next</p>
10		<p>Leave settings as shown and click Next</p>
11		<p>Keep clicking Next until you reach this page (the pages in between are survey/stakeout options which can be changed in applications later if needed)</p> <p>Make sure GLONASS is selected and press Next</p>
12		<p>Leave settings as shown and click Next</p>

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13		Click the Green Tick
14		Go back to the home screen and then Connect Make sure the configuration you have just created is selected and click Connect N.B. Tick both boxes so the connection starts automatically when you start MAGNET
15		The controller will do a Bluetooth search, select your device and click Select The name of your device should be the model followed by the serial number e.g. HIPER V 1143-12345. On the next screen untick BT PIN Required and press Connect
16		The Network tab should now automatically open and ask you to select a mount point Pick the relevant mount point from the drop-down box and press Connect You should now be connected to caster and ready to work N.B Usually mountpoint for Smartnet should be MAX-RTCMv3 and NET_RTCM3 for Topnet

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