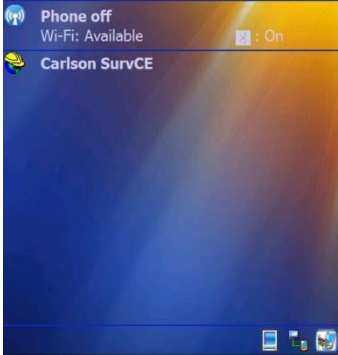


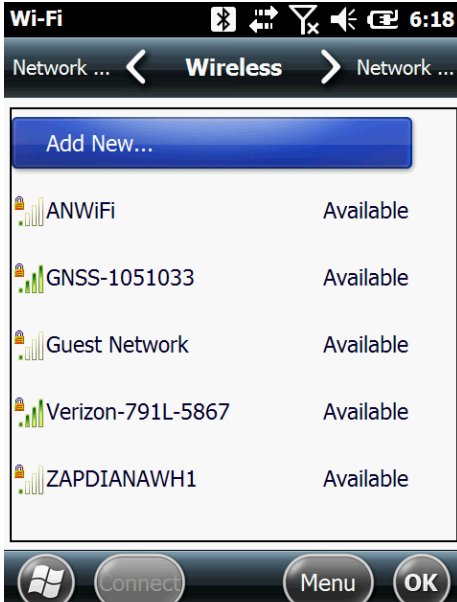


Step	Action	Display
1	<p>Note: If your hotspot (internet connection) is already set up then please proceed to Step 13.</p> <ol style="list-style-type: none"> Turn your hotspot and then data collector on. In Windows Mobile 6.5 tap the text – “Wi-Fi: Available” Or click on the top black bar then on the "Bars with Phone" icon and tap “Wireless Manager” 	 
2	<ol style="list-style-type: none"> Make sure that "Wi-Fi" says "On" or "Available" Bluetooth should be set to “On” Phone should be “Off” Select "Menu" at the bottom right of the screen and then select "Wi-Fi Settings" 	

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Getting Configured for Real Time Networks with an External Hotspot

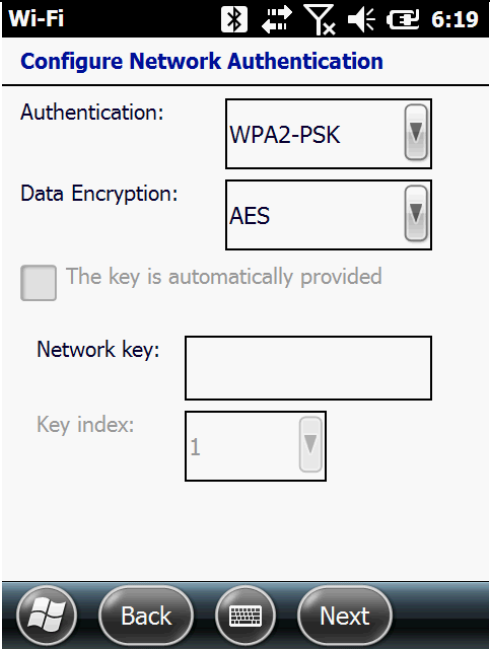
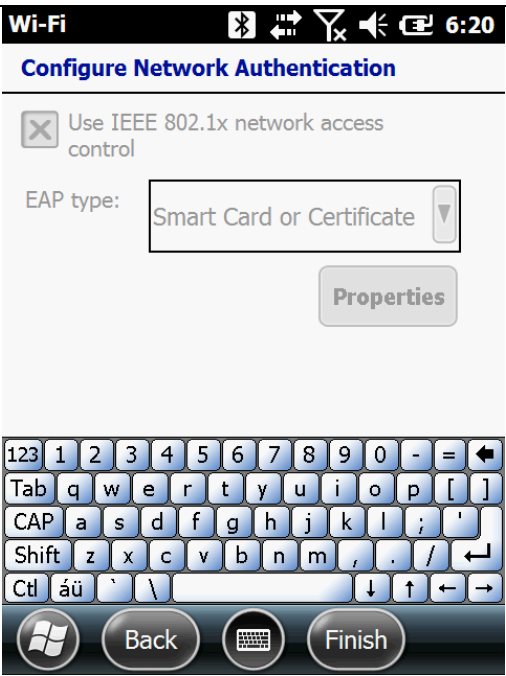
<p>3</p>	<p>a. From the available choices tap on your Wi-Fi hotspot device name. This will take you to the "Configure Wireless Network Screen"</p> <p>b. If it does not, then make sure you highlight your desired device and then tap "Connect" in the bottom left corner</p>	
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Step	Action	Display
<p>4</p>	<p>a. Select "Next" as your Windows Mobile software automatically chooses the correct configurations.</p> <p>b. Do not change any settings!</p>	

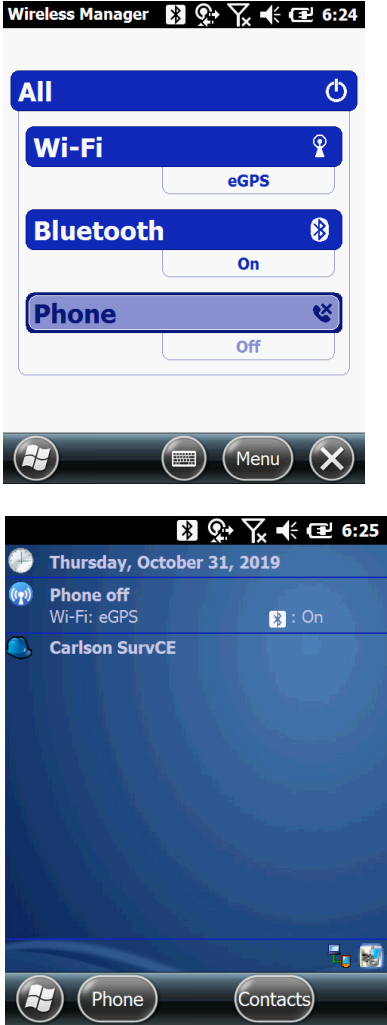
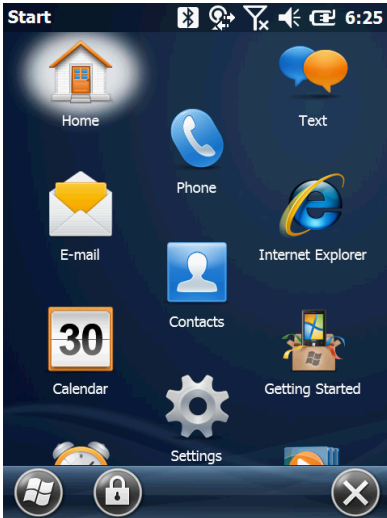
Please call (770) 695-3361 and request to be moved to the new eGPSVRS network.

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Getting Configured for Real Time Networks with an External Hotspot

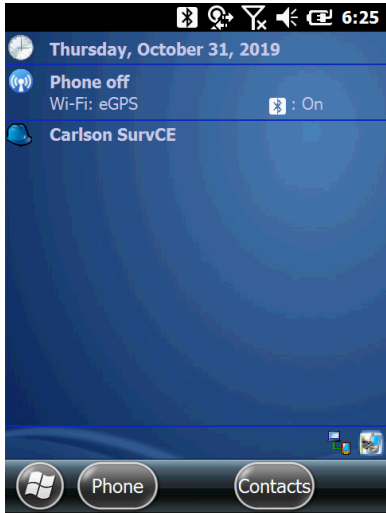
5	<p>a. DO NOT change the “Authentication” or “Data Encryption.”</p> <p>b. Enter your Wi-Fi password in the “Network Key” field by tapping in it and then tapping the keyboard icon in the middle of the bottom bar (if it does not automatically pop up).</p> <p>c. The password or “Network Key” is case sensitive. You must match it exactly.</p> <p>d. Do not change any other settings!</p> <p>Tap “Next” and then Finish”</p>	
6	<p>a. Do not change anything here just tap “Finish”</p>	

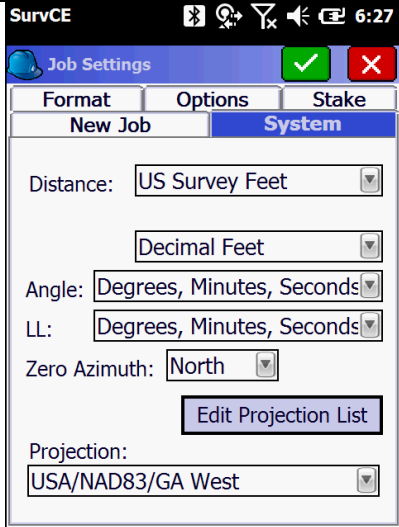

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Step	Action	Display
7	<p>a. You will see the status go from “Available” to “Connecting” to “Connected” next to the Wi-Fi device you set up.</p> <p>b. Tap “OK” at the bottom right of the screen.</p> <p>c. Then tap “X” at the bottom right of the screen after verifying the network name shows up under “Wi-Fi” and return to the main menu.</p> <p>NOTE: When you start your data collector it will now try and connect to this network. When you are connected it will say the name of your hotspot in the main menu next to “Wi-Fi.”</p> <p>If it says “Available” or “On” you are not connected. Test your hotspot with another device such as a laptop or smartphone to make sure it is working and repeat the previous steps.</p>	
8	<p>a. To verify you have internet connectivity tap the Windows start button in the lower left corner.</p> <p>b. Then choose the blue “Internet Explorer” icon.</p> <p>c. Enter a website you have never loaded to before and make sure it loads.</p> <p>d. If it does not, then you do not have internet connectivity. Repeat the previous seven steps.</p>	

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Getting Configured for Real Time Networks with an External Hotspot

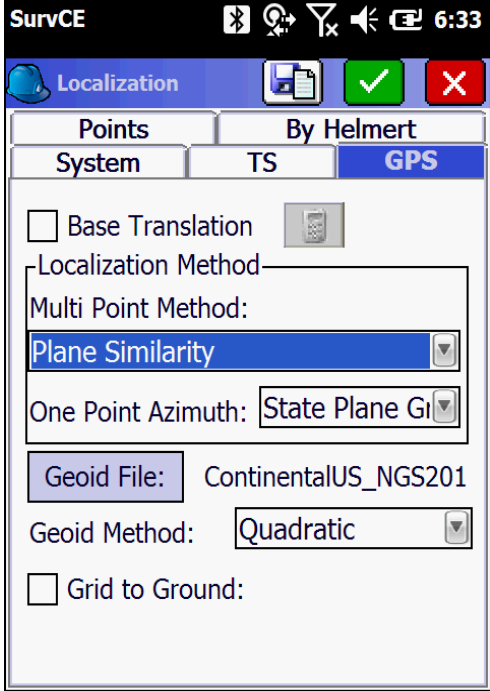
<p>9</p>	<p>a. Once you have verified connectivity, exit out of Internet Explorer.</p> <p>b. From the main Windows Screen, click the SurvCE helmet icon.</p>	
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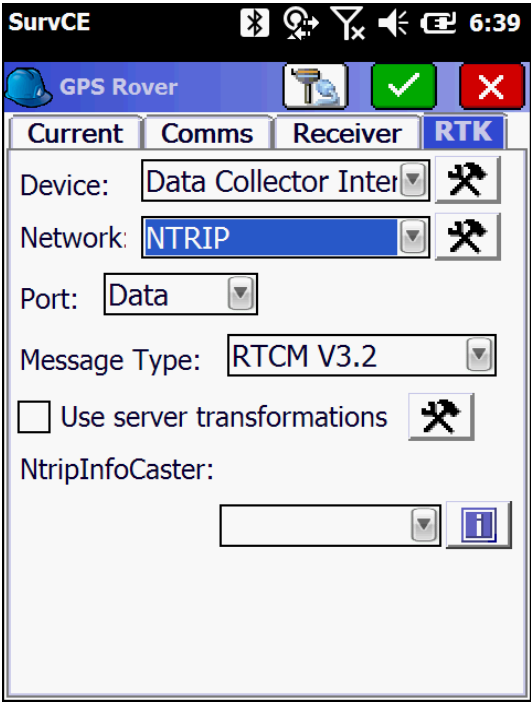
Step	Action	Display
<p>10</p>	<p>a. Once Carlson SurvCE launches select a current or create a new job.</p> <p>b. Under “Job Settings” make sure you have the correct “Projection” (State Plane Coordinate System) selected.</p> <p>c. Tap the “Green Check.”</p>	
<p>11</p>	<p>a. If you have previously paired your GPS receiver, SurvCE will ask if you want to connect to the last device, or continue without connecting.</p> <p>b. Tap without connecting.</p> <p>NOTE: Contact eGPS if you need help setting up a new receiver connection.</p>	

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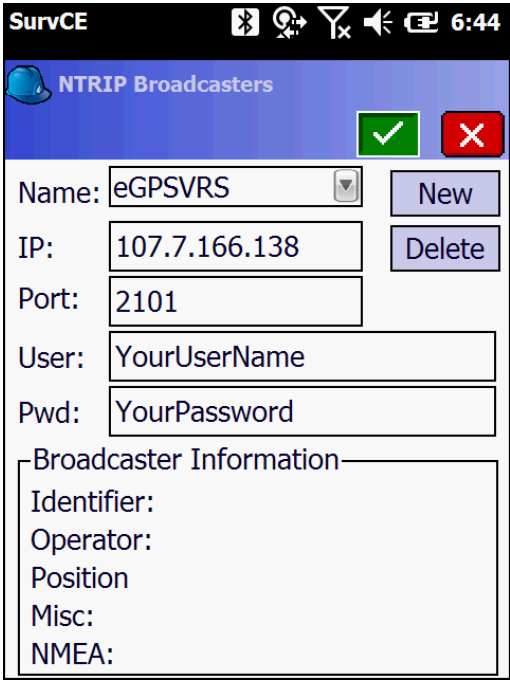
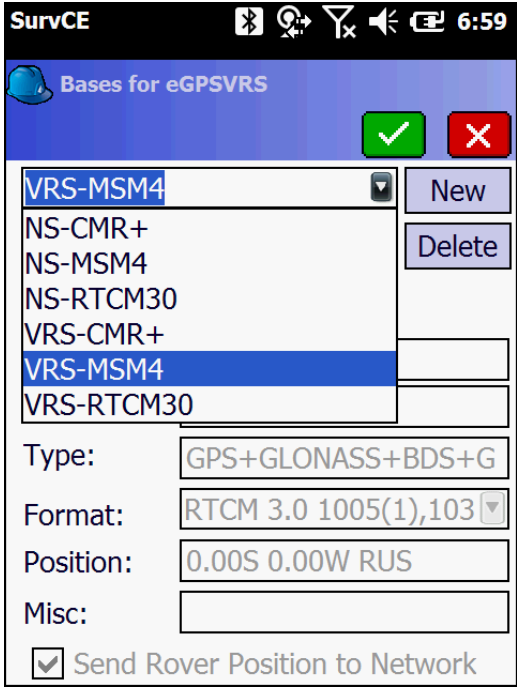
Getting Configured for Real Time Networks with an External Hotspot

<p>12</p>	<p>Check to make sure your GEOID file is attached.</p> <ol style="list-style-type: none"> Tap on the “Equip” tab. Tap on #6 “Localization.” Go to the “GPS” tab and confirm that you have a Geoid loaded. It will show the name of the file to the right of the “Geoid File” selection button. Tap the “Green Check” once completed. 	
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Step	Action	Display
<p>13</p>	<p>Network Setup:</p> <p>Note: If you are a current eGPS Plan B subscriber you must call or email eGPS and request to be moved to the new network. You will be given an updated Username & Password.</p> <ol style="list-style-type: none"> From the “Equip” tab in the SurvCE home screen please select “GPS Rover.” Select the “RTK Tab.” Device = Data Collector Internet Network = NTRIP Port = Data Tap the “Hammer/Wrench” icon next to the “Network” button. 	

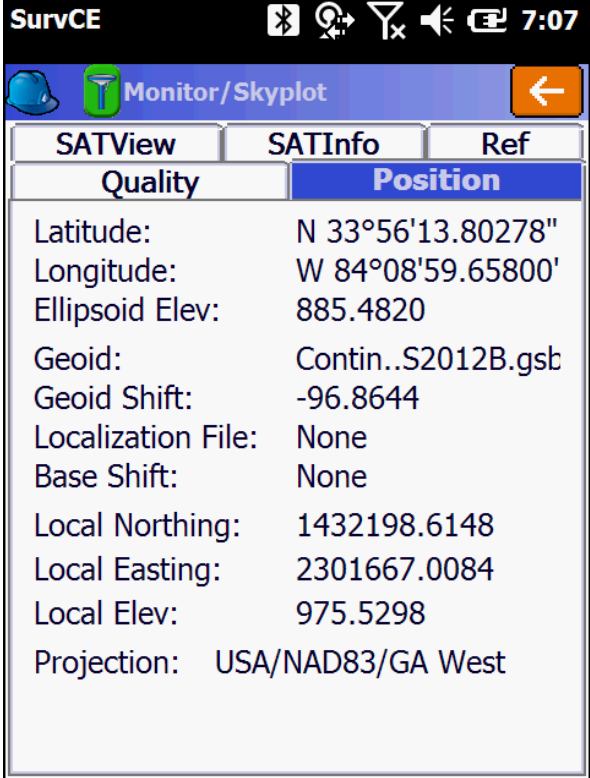

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<p>14</p>	<p>a. Name = eGPSVRS</p> <p>b. IP Address = 107.7.166.138</p> <p>c. Port = 2101</p> <p>d. User = New username provided by eGPS.</p> <p>e. Password = New password provided by eGPS.</p> <p>f. Tap the “Green Check.”</p> <p>NOTE: Both the username and password are case sensitive. Please double-check that both fields match exactly to what was provided by eGPS.</p> <p>NOTE: Full four-constellation use is dependent on the hardware/firmware of your GPS receiver. We cannot guarantee four constellations use with all receivers.</p>	
<p>15</p>	<p>a. Select the proper “mount point from the drop-down arrow then tap the “Green Check”</p> <p>b. The mount point you choose will be determined by the hardware and firmware of the receiver you are using to connect with. If you do not know what message type your equipment uses, then please contact the receiver manufacturer.</p> <p>c. Champion Pro & CHC i80 receivers (with current firmware) purchased from eGPS will use the MSM4 selection for four-constellation network corrections.</p>	

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Step	Action	Display																						
16	<p>a. Finally go to the “Position” tab and make sure your “Geoid” and “Projection” files have been properly loaded and applied.</p> <p>b. The example to the right shows what your position should look like when properly loaded Geoid and Projection files are applied.</p> <p>c. Tap the “Red Back Arrow” to return to the Main Menu and begin surveying.</p> <p>NOTE: It is recommended to regularly take check-shots on good quality benchmarks (such as 1st order NGS monuments) to verify your settings and data. Please make sure to do so with this or any other new network connection before beginning to survey.</p>	 <p>The screenshot shows the SurvCE application interface. At the top, there's a status bar with 'SurvCE' and various icons. Below that is a blue header with 'Monitor/Skyplot' and a red back arrow. The main content area is divided into three tabs: 'SATView', 'SATInfo', and 'Ref'. Under 'SATInfo', there are two sub-sections: 'Quality' and 'Position'. The 'Position' section displays the following data:</p> <table border="1"> <tr><td>Latitude:</td><td>N 33°56'13.80278"</td></tr> <tr><td>Longitude:</td><td>W 84°08'59.65800'</td></tr> <tr><td>Ellipsoid Elev:</td><td>885.4820</td></tr> <tr><td>Geoid:</td><td>Contin..S2012B.gsb</td></tr> <tr><td>Geoid Shift:</td><td>-96.8644</td></tr> <tr><td>Localization File:</td><td>None</td></tr> <tr><td>Base Shift:</td><td>None</td></tr> <tr><td>Local Northing:</td><td>1432198.6148</td></tr> <tr><td>Local Easting:</td><td>2301667.0084</td></tr> <tr><td>Local Elev:</td><td>975.5298</td></tr> <tr><td>Projection:</td><td>USA/NAD83/GA West</td></tr> </table>	Latitude:	N 33°56'13.80278"	Longitude:	W 84°08'59.65800'	Ellipsoid Elev:	885.4820	Geoid:	Contin..S2012B.gsb	Geoid Shift:	-96.8644	Localization File:	None	Base Shift:	None	Local Northing:	1432198.6148	Local Easting:	2301667.0084	Local Elev:	975.5298	Projection:	USA/NAD83/GA West
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	<p>Please contact us if you have any questions or need further assistance.</p> <p>Main Office: (770) 695-3361 Technical Support: (678) 787-1596</p>	 <p>The logo for eGPS SOLUTIONS features a stylized satellite dish or antenna in blue and green, with the text 'eGPS' in large green letters and 'SOLUTIONS' in smaller blue letters below it.</p>																						