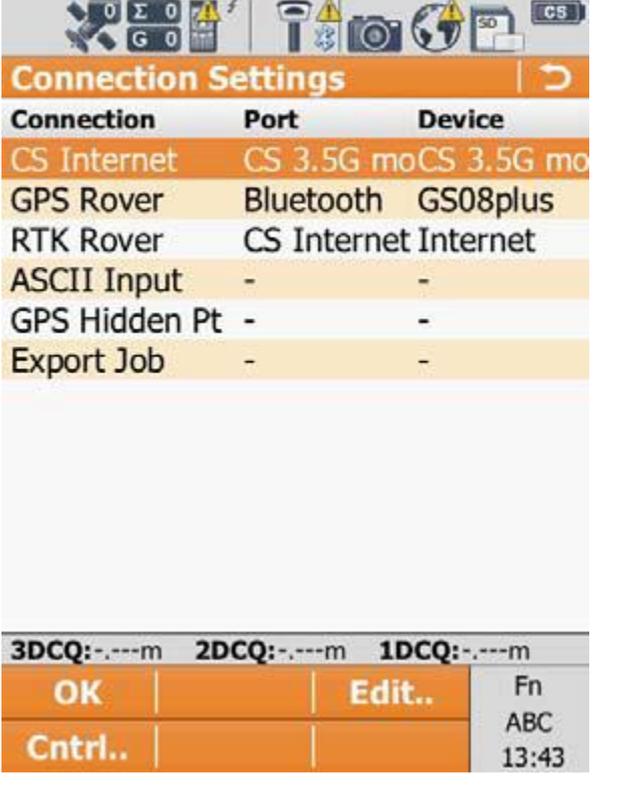


## Connecting a CS10 to a Wi-Fi network

Should you be in the situation where you cannot get a mobile phone signal but can find a WiFi source or have a SmartPhone on a different network with which you can create a WiFi hotspot you can use this to connect to the SmartNet server.

Step	Action	Screen Display
1	Turn on the controller and wait for it to boot up. Once SmartWorx Viva has started press Fn then Exit to exit the program.	 <p>The screen displays the SmartWorx Viva main menu. At the top, it shows 'Job: BIDGR11 260811'. Below this are four main menu items: 'Go to Work!' (Survey &amp; stake pts, Start base station), 'Jobs &amp; Data' (Point management, Import &amp; export), 'Instrument' (Settings &amp; status, Connections), and 'User' (Software settings, Screen &amp; audio). At the bottom, there is a keyboard layout showing '3DCQ:----m', '2DCQ:----m', '1DCQ:----m', 'Help', 'Mode', 'Exit', 'Fn', 'abc', and '13:22'.</p>
2	Once you can see the windows screen open the <b>Start menu</b> followed by <b>Settings</b> then <b>Network and Dial-up Connections</b> . One of the icons that appear on screen will be called <b>NXPWLAN1</b> and will have a red cross marking it. Touch and hold the stylus on the icon until a further menu appears. From this menu select <b>Enable</b> to turn on the WiFi device.	 <p>The screenshot shows the Windows 'Network Connections' window. The 'WLAN' section is active, showing a list of network adapters. One adapter, 'NXPWLAN1', is highlighted with a red arrow and has a red 'X' over its icon, indicating it is disabled. The taskbar at the bottom shows the 'Start' button, 'SmartWorx' application, and the system tray with the time '9:53 AM'.</p>

<p>3</p>	<p>At the base of the screen at the right hand side is a small icon picturing two monitor screens with a red across them. Double tap on this icon to bring up the Wireless connection menu. From this menu select the WiFi network you wish to connect to and select <b>Connect</b>. The following menu will allow you to enter the password and login details for the WiFi network. (The keyboard can be brought up by tapping the pen icon at the lower right corner of the screen)</p>																																									
<p>4</p>	<p>You should now be connected to the WiFi network. Tap the X in the top right hand corner to return the main windows screen then double tap the Orange Smartworx Viva icon.</p>																																									
<p>5</p>	<p>From the main SmartWorx Viva menu select <b>3 Instrument</b> followed by <b>2 Connections..</b> From the connection settings screen highlight <b>CS Internet</b> then select <b>Edit..</b></p>	 <table border="1" data-bbox="837 1021 1455 1809"> <thead> <tr> <th colspan="3">Connection Settings</th> </tr> <tr> <th>Connection</th> <th>Port</th> <th>Device</th> </tr> </thead> <tbody> <tr> <td>CS Internet</td> <td>CS 3.5G mo</td> <td>CS 3.5G mo</td> </tr> <tr> <td>GPS Rover</td> <td>Bluetooth</td> <td>GS08plus</td> </tr> <tr> <td>RTK Rover</td> <td>CS Internet</td> <td>Internet</td> </tr> <tr> <td>ASCII Input</td> <td>-</td> <td>-</td> </tr> <tr> <td>GPS Hidden Pt</td> <td>-</td> <td>-</td> </tr> <tr> <td>Export Job</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <table border="1" data-bbox="837 1653 1455 1809"> <tr> <td>3DCQ:-,---m</td> <td>2DCQ:-,---m</td> <td>1DCQ:-,---m</td> <td></td> </tr> <tr> <td>OK</td> <td></td> <td>Edit..</td> <td>Fn</td> </tr> <tr> <td>Cntrl..</td> <td></td> <td></td> <td>ABC</td> </tr> <tr> <td></td> <td></td> <td></td> <td>13:43</td> </tr> </table>	Connection Settings			Connection	Port	Device	CS Internet	CS 3.5G mo	CS 3.5G mo	GPS Rover	Bluetooth	GS08plus	RTK Rover	CS Internet	Internet	ASCII Input	-	-	GPS Hidden Pt	-	-	Export Job	-	-	3DCQ:-,---m	2DCQ:-,---m	1DCQ:-,---m		OK		Edit..	Fn	Cntrl..			ABC				13:43
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<p>6</p>	<p>Ensure the box for <b>Use Internet connection on CS</b> is <b>unticked</b> then select OK. (N.B. If you are using a CS15 controller with the SIM card in the GS15 antenna you will have to highlight GS internet and disable that connection)</p>	
<p>7</p>	<p>Assuming your SmartNet settings are correct you can now connect to the SmartNet server in the usual fashion. (You will note that the Globe and mobile phone icons across the top of the screen will have warning triangles displayed. This however will not interfere with connecting to the SmartNet server)</p>	