



## Tech Tip

Your Trimble Sales and Rental Specialists

### Configuring Android Phones for use with VRS Networks

Smart phones with the Android Operating System can be used with VRS Networks.

To successfully work on VRS Network with an Android operating system smart phone you must know its capabilities. The capability of the phone will determine the method in how it will be connected to your data collector to successfully get it connected to the Internet.

#### Android Phones without Mobile Hotspot Capability

If your phone does not have Mobile Hotspot capability then you need to perform the following steps to make the phone Bluetooth DUN capable.

1. On your phone got the Market.
2. Search for pdanet (all one word).
3. Select PdaNet from June Fabrics Technology Inc.
4. Download and install the app on your phone.
5. Start PdaNet on your phone.
6. Select Enable Bluetooth DUN.
7. Accept the Bluetooth permission request.

Use the General Bluetooth Cell Phone Configuration for use with VRS Networks document to establish a Bluetooth DUN connection between your data collector and the phone.

#### Android Phones with Mobile Hotspot Capability

If your phone has Mobile Hotspot capability then you will need to enable this service. On phones tested with Mobile Hotspot capability PdaNet would not perform Bluetooth DUN. Please make sure you understand the cost, terms, conditions and amount of data for the Hotspot plan from your cell service provider.

In addition when using your phone as a mobile hotspot it will impact battery life significantly on your phone if this is going to be used extensively in the field as your VRS cellular connection. It is suggested that you perform a search for extended life batteries using the phone model as key search words.

1. Tap on your mobile hotspot service icon on your phone.
2. Use the menu key to find the advanced settings.
3. Tap on WiFi settings.

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Houston	Dallas/Fort Worth	Austin	San Antonio	Pharr	Oklahoma City
14722 Regnal	545 Nolen Dr., Ste 100	7950 Anderson Sq, Ste 111	10822 Hillpoint	801 E. Ferguson Ave.	2600 Linda Lane, Ste 10
Houston, TX 77039	Southlake, TX 76092	Austin, TX 78752	San Antonio, TX 78217	Pharr, Texas 78577	Edmond, OK 70313
281-987-1815	972-245-4337	512-467-0391	210-967-8700	956-961-4591	405-330-5683

[www.westerndatasystems.com](http://www.westerndatasystems.com)



4. This is where you can see the following:
  - a. SSID
  - b. Security – You can determine if you want security enabled for your WiFi connection between the phone and your data collector.
  - c. Wireless Password.
  - d. Show Password.
  - e. Channel.
5. After you have made your setting return to where you can enable mobile hotspot service.
6. Enable the hotspot service on your phone.
7. Review the warning message if you get one.
8. Tap Ok on the warning message to continue.
9. Wait for the mobile hotspot service to start.

Refer to the following Tech Tips based on your data collector model.

Creating an Android Phone Mobile Hotspot Internet Connection to a TSC2.

Creating an Android Phone Mobile Hotspot Internet Connection to a TSC3.