MangoGX Configuration

Overview

This document includes configuration information related to features available with the purchase of the MangoGX handheld and its expansion modules.

Introduction

Use this document to configure the following options:

- Resetting the Handheld
- WiFi
- Wireless GPRS DATA connection (Requires SIM card)
- Barcode Scanning
- GPS (Coming soon)

If you are not sure which MangoGX features are available with your handheld, please contact your reseller or ARS.

Resetting the Handheld

The reset routines are all done by "key" combinations:

Soft Reset: Press the "Alpha", "Fn" and "Enter (arrow)" keys at the same time.

Hard Reset: Press and hold the "Power", "Fn" and "Enter (arrow)" keys at the same time, release when the screen turns off.

WiFi Configuration

A WiFi connection may be required if you will be using wireless data transfers in the office or from a remote location. This type of transfer is typically used with the *Advanced Communications Module* in RMA. Establishing a connection and configuring *Auto-Profiles* (for companies with multiple hot-spots) are covered below.

Establishing a Connection

Follow the steps below to successfully configure your handheld for WiFi transfer.

1. Perform a *Soft Reset* on the handheld (see previous section).

2. After the handheld reboots, you will need to Enable (or confirm its on) the Wireless LAN by going to Start > Programs > Controls > Device Power and confirm the box next to Wi-Fi Power is checked.

NOTE: The *Wireless Lan* (WLAN) option can also be accessed under *Start* > *Control Panel* on the handheld.

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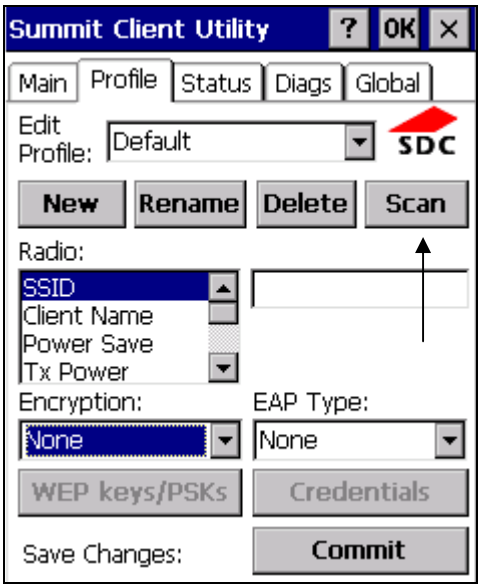
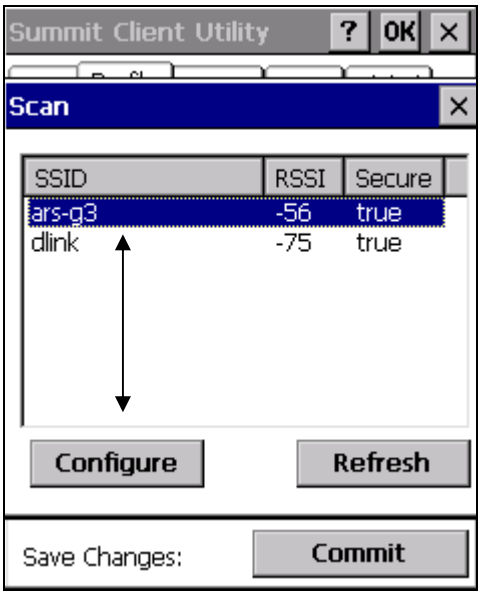
3. Open the WLAN Manager utility by double clicking the Wifi Connection bars on the start menu bar or go to Start > Settings > Control Panel > WLAN manager
4. Select the *Profile* tab and tap on the **Scan** button.

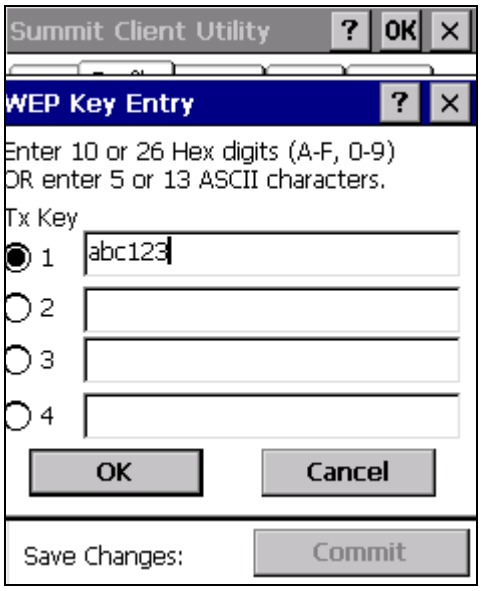


5. If any wireless networks are found, they will be displayed in the dialog screen that appears. Select the network that you would like to connect to, and tap **Configure**.

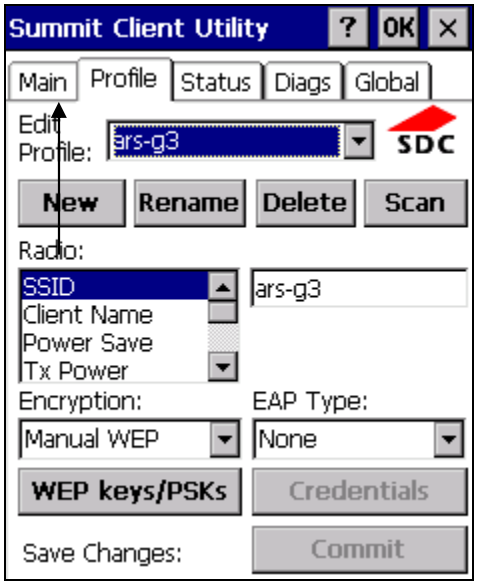


6. Tap **Yes** on the 'Create a new profile' dialog screen.

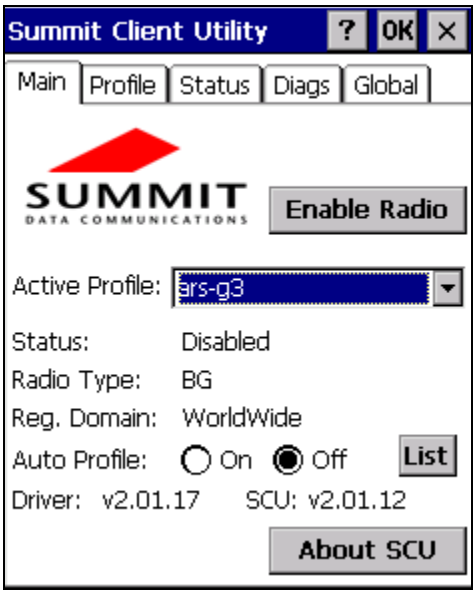
7. Enter the network key or password that will be used to connect to the wireless network and click **OK**.



8. Your new profile will now be listed in the connections menu. Select the **Main** tab to continue.



9. In the *Active Profile* list, select your new profile and tap **Enable Radio**.



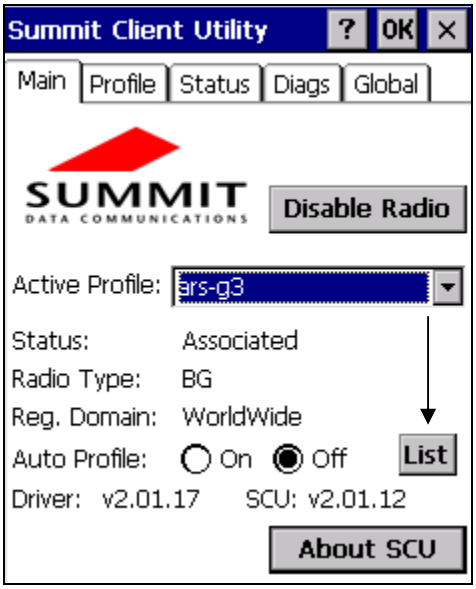
Your new connection should be activated at this point. If it does not connect, perform a *Soft Reset* of the handheld and repeat *Step 8*.

Configuring Auto Profile

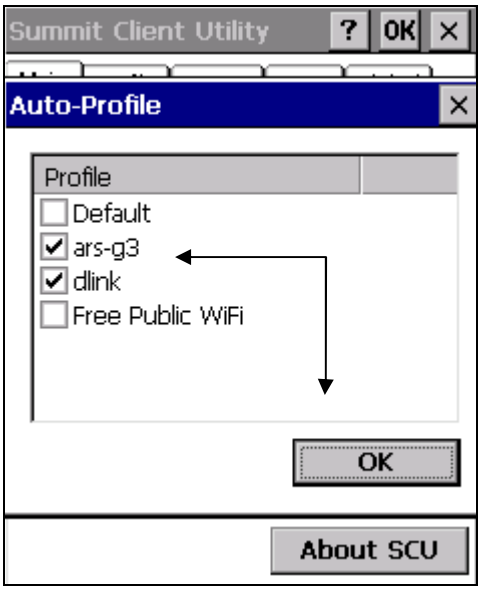
If you will be connecting your handheld to multiple wireless networks depending on your location, you can configure the *Auto Profile* option to automatically connect to the appropriate network when it becomes available.

To save a wireless connection in the *Auto Profile* list, follow the steps below:

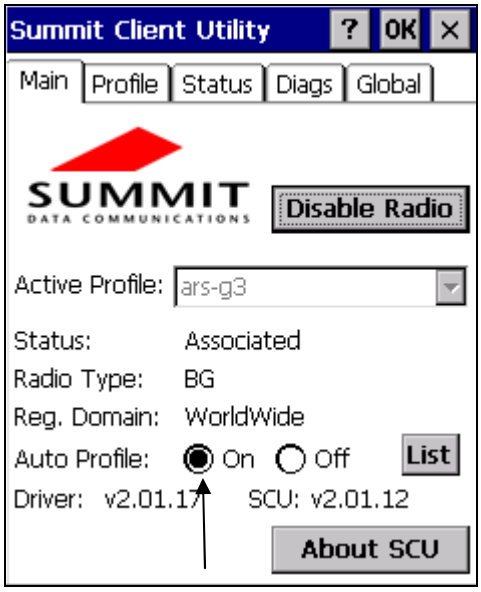
1. Connect to the desired wireless network following the steps detailed in the previous section.
2. On the *Main* tab, tap the **List** button.



3. Select each wireless connection to save in the *Auto Profile* list, and click **OK**.



4. On the *Main* tab, change the *Auto Profile* setting to **ON**.



5. Repeat these steps at each wireless network location to save each connection in the *Auto Profile* list.

After you have configured each wireless connection in the *Auto Profile* list, the handheld will automatically connect to the appropriate network when it is in range.

GPRS Configuration

A wireless GPRS connection is required if you will be using wireless data transfers from a remote location. This type of transfer is typically used with the *Advanced Communications* and *RMLive Modules* in RMA.

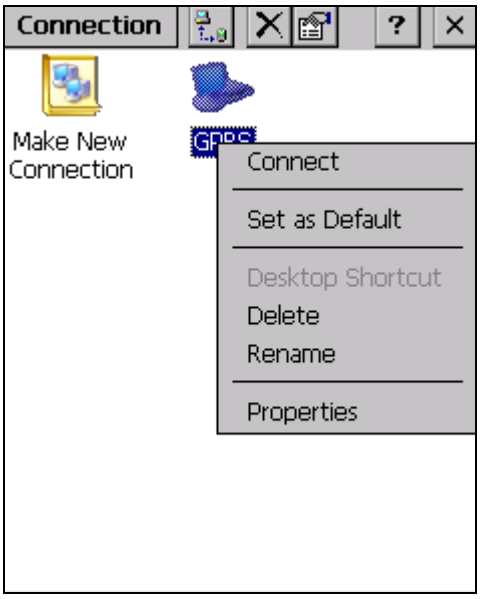
Follow the steps below to successfully configure your handheld for GPRS transfer.

1. Perform a *Soft Reset* on the handheld.
2. After the handheld reboots, you will need to Enable (or confirm its on) by going to Start > Programs > Controls > Device Power and confirm the box next to GPRS Power is checked.

   NOTE: If the screen displays "GPRS is not ready", tap **OK** and repeat steps 4 and 5 to try re-enabling the connection.

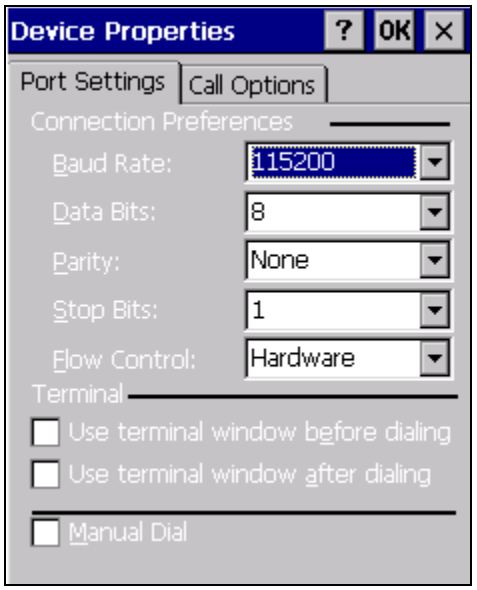
3. Once the GPRS connection is enabled, tap *Start* > *Settings*, and select the *Network and Dial-up* option.

4. Tap and hold the stylus on top of the *GPRS* Connection icon and select **Properties**.

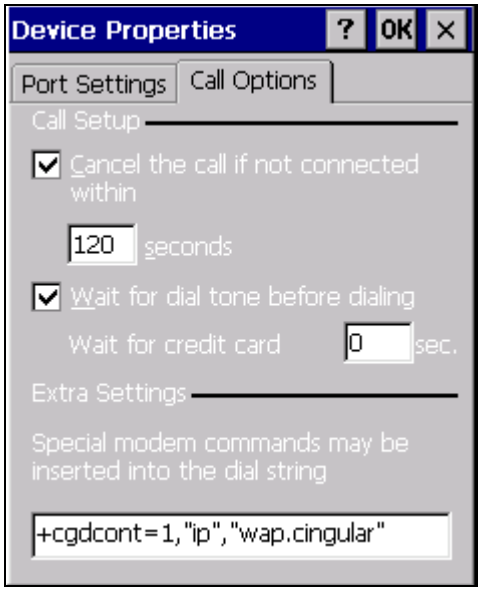

Connection
Make New
Connection
Connect
Set as Default
Desktop Shortcut
Delete
Rename
Properties

5. On the *Modem* tab, select **GPRS Modem** from the "Select a modem" list.

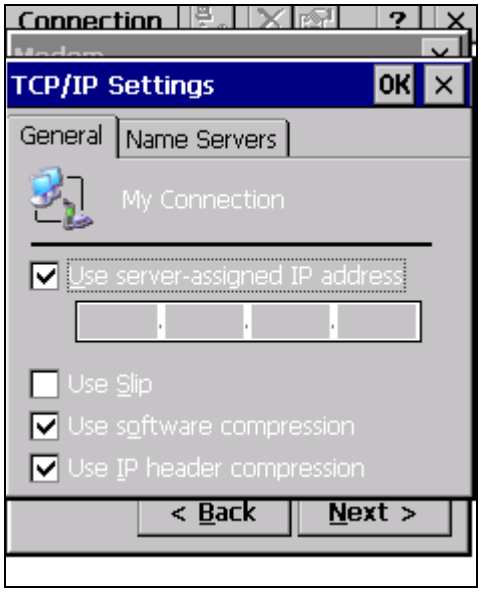
6. Tap the **Configure** button and select the following settings:
    - ***Baud Rate:*** 115200
    - ***Data Bits:*** 8
    - ***Parity:*** None
    - ***Stop Bits:*** 1
    - ***Flow Control:*** Hardware



7. Tap the *Call Options* tab and (depending on your GPRS data service provider) enter the following information in the *Extra Settings* box:
    - ***AT&T/Cingular:*** +cgdcont=1,”ip”,”wap.cingular”
    - ***All Others:*** Contact your GPRS data service provider.

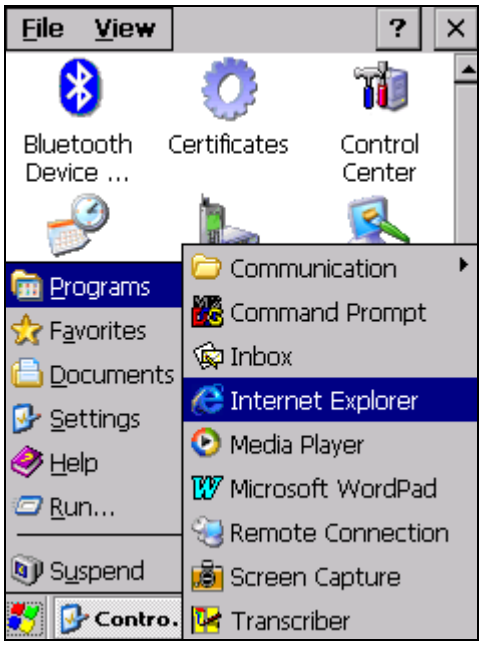


8. Tap **OK** to close the *Device Properties* screen.
9. Tap the **TCP/IP Settings** button and select the following settings:
    - Use server-assigned IP address.
    - Use software compression.
    - Use IP header compression.
    - On the *Name Servers* tab, select “Use server-assigned addresses”.



10. Tap **OK** to close the *TCP/IP Settings* dialog screen.
11. Tap **OK** again to close the *GPRS Properties* dialog screen.
12. Next you must establish the GPRS Connection (prior to opening RM) by going to Start > Programs > GPRS Connection, and letting the handheld connect.

13. To test your new connection, tap the *Internet Explorer* icon on the MangoGT, and attempt to navigate to a common Web site other than *msn.com* (i.e., *yahoo.com*, *google.com*, etc.).



NOTE: If you are not connected, verify that you have followed all of the steps covered in this document. If the problem persists, contact your system administrator or ARS.

Barcode Scanning

Barcode scanning on the MangoGX is automatically enabled on the handheld.

GPS Configuration

GPS functionality on the MangoGX is coming soon.