

# Bluetooth® GPS with Pocket Quads.NET™

## Reference Guide

### Contact Information

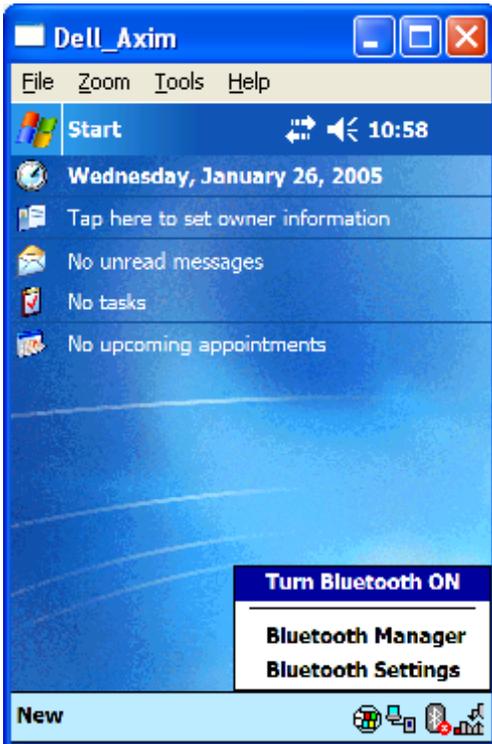
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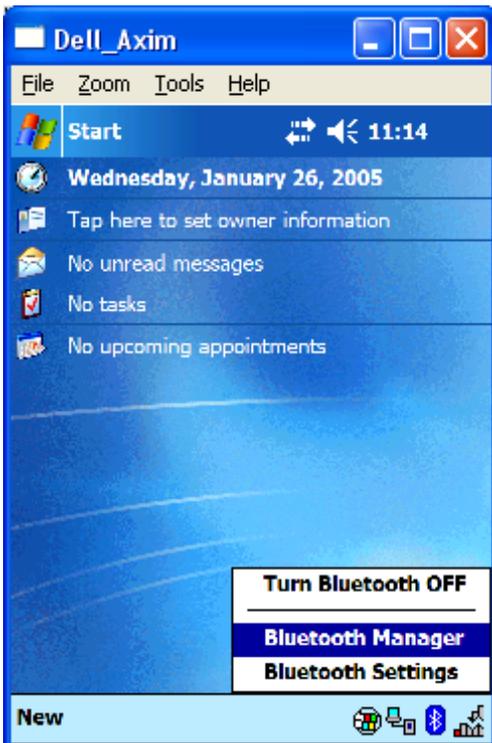


**First, turn on the GPS device that has built-in Bluetooth capability.**



Next, turn on the Bluetooth capability of your Pocket PC by tapping the Bluetooth icon and then tapping "Turn Bluetooth ON".

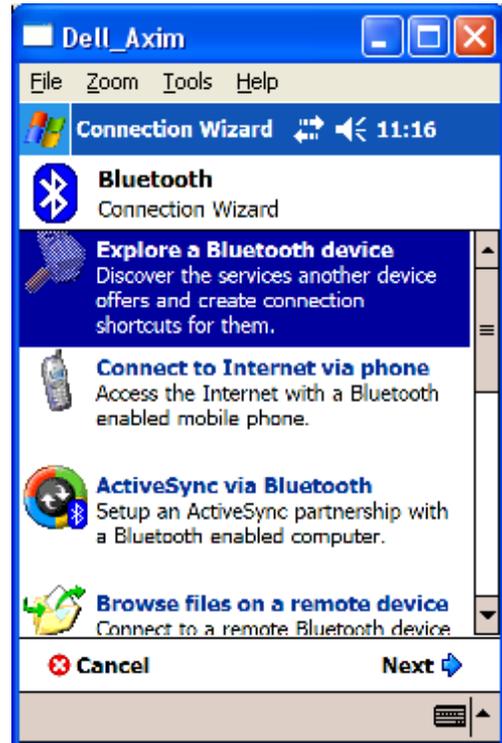
The Bluetooth icon, which had a red 'x' next to it should now appear Blue.



Select the Bluetooth Manager.



**Tap the *New* button, as instructed.**



**Tap 'Next' to Explore a Bluetooth device.**



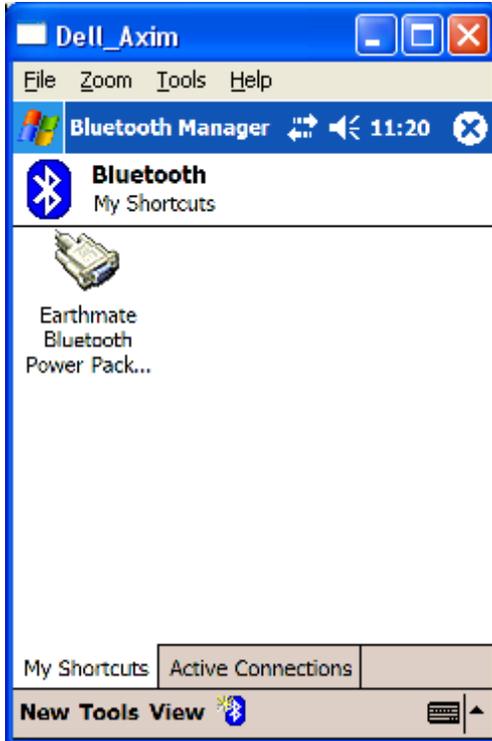
**The Pocket PC will attempt to communicate with your Bluetooth GPS Device. Once a Bluetooth device is located, tap the device on the screen.**



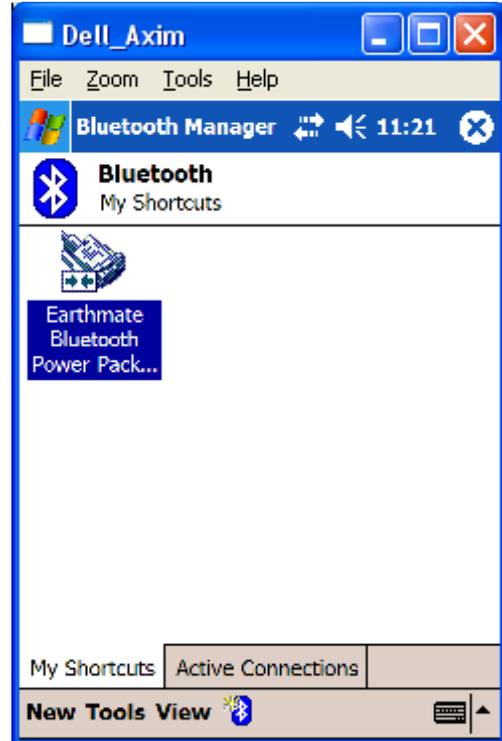
Note that the 'Service' is a Serial connection. Highlight the service and tap Next.



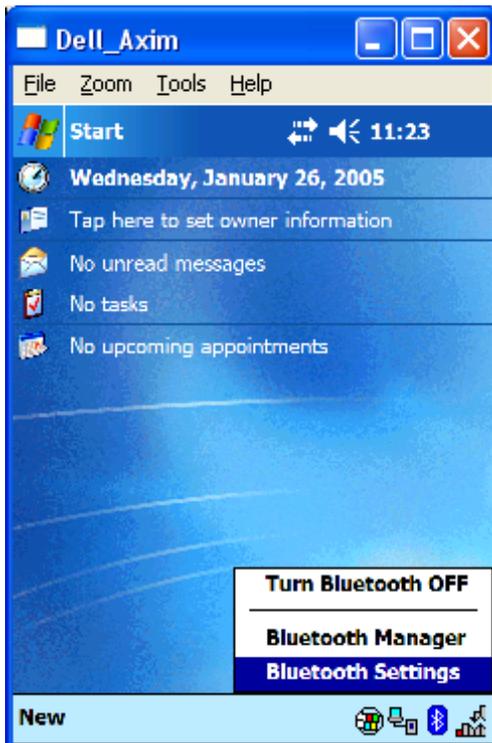
Tap Finish to complete the Connection Wizard.



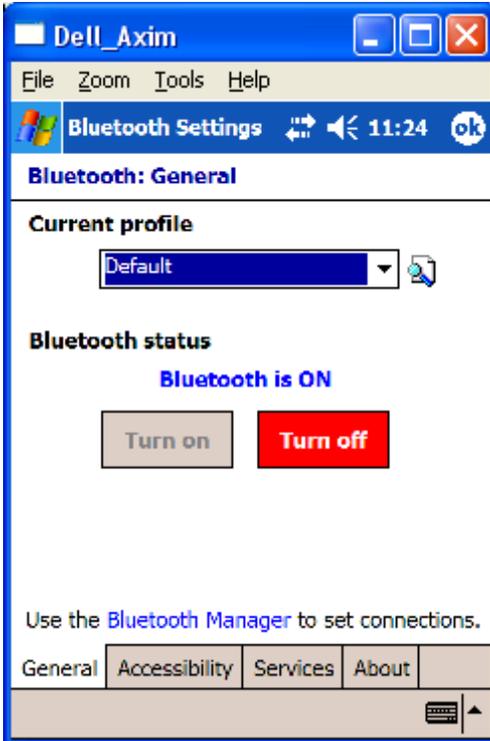
You can now *double-tap* the Shortcut to make it an Active Connection, although this isn't necessary when using Pocket Quads.NET, since the connection will be made when starting the GPS from within Pocket Quads.NET.



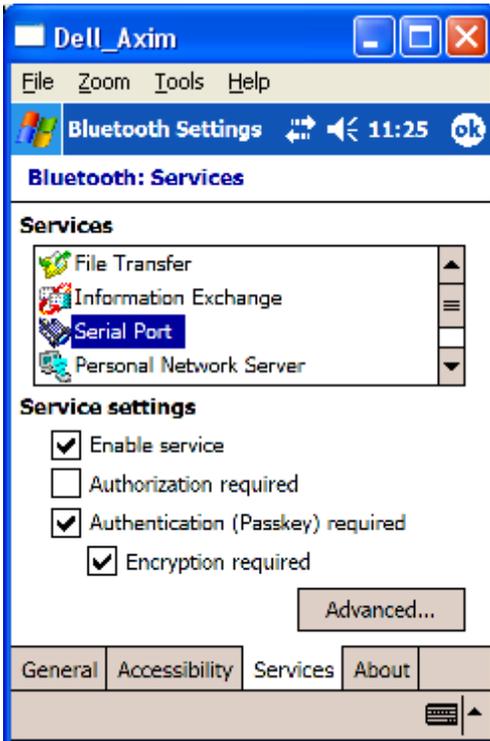
Close the Bluetooth Manager by tapping the X.



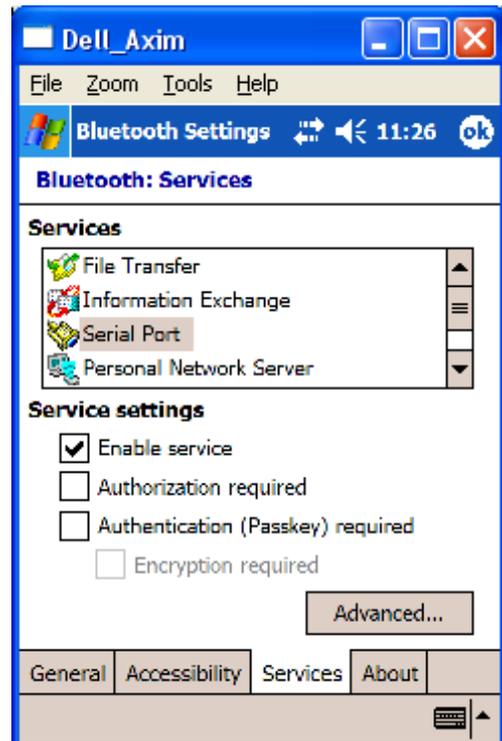
Next, we need to be sure that the Pocket PC will *allow* the serial communication. You can do this by tapping the Bluetooth Settings.



This is the initial screen that you'll see in Bluetooth Settings. Tap the Services tab.



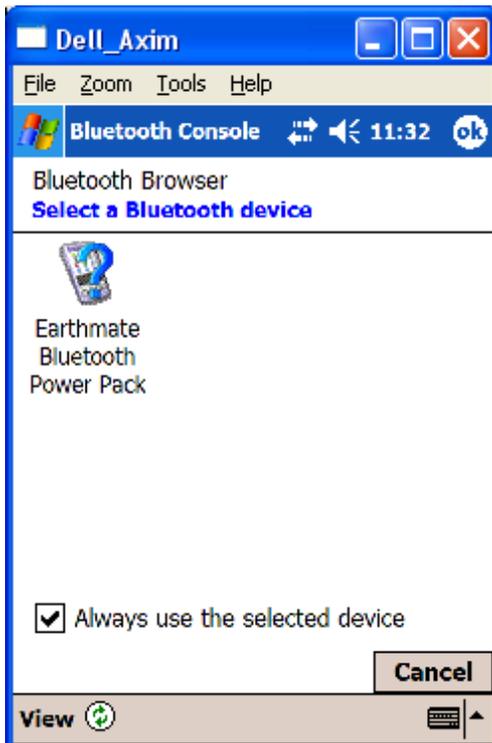
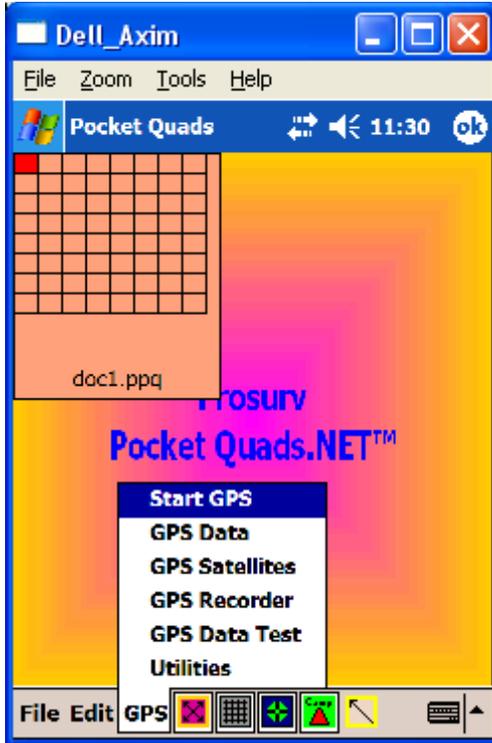
Highlight the Serial Port Service, then uncheck the Authentication required box (this is the recommended setting).



Finally, tap the OK button. Your Pocket PC is now ready for the Bluetooth GPS communication.

### **Starting Pocket Quads.NET GPS**

1. Run Pocket Quads.NET.
2. Be sure you have a Job File open, and that Topo Quads are available to Pocket Quads.NET for your location (see the User's Guide).
3. Tap the GPS Menu, and select Start GPS.



The first time you use Pocket Quads.NET with your Bluetooth GPS, you will need to select your Bluetooth device.

Check the 'Always use the selected device' box and this screen will not be shown again.

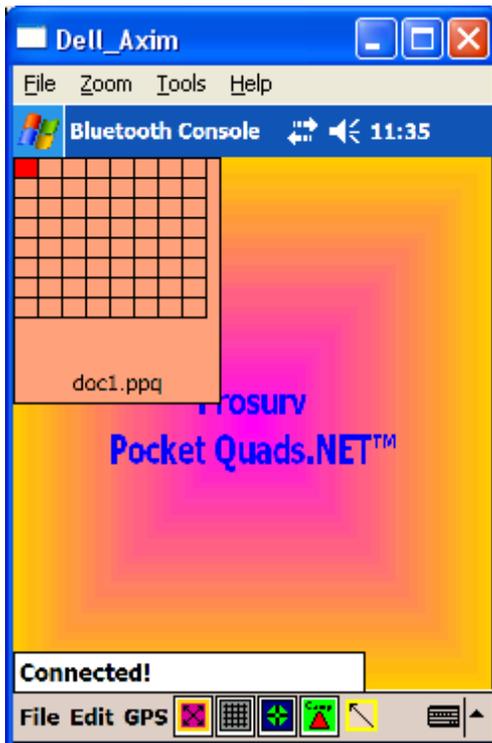


A standard message about displaying Bluetooth device selections again, is shown.

A message is displayed indicating that Pocket Quads.NET is trying to connect to the Bluetooth GPS device.

Serial communication in Pocket Quads.NET is automatic by default. Pocket Quads.NET will search all Com ports at all the given baud rates automatically to establish a connection with your Serial device (in this case a Bluetooth GPS serial connection).

However, you can change the com port and baud rate settings manually in the GPS Data screen. You can also change the settings *by default*, in the Defaults.txt file located in the \Program Files\Pocket\_Quads.NET folder of your Pocket PC.



Once connected, you'll also hear a tone indicating the connection has succeeded.

Pocket Quads.NET now waits for available GPS satellites and for a signal from the GPS receiver indicating a 'Fix'.

**Prosurv Pocket Quads.NET is now ready for GPS data!**