



Skyhook Wireless  
Virtual GPS Configuration Guide  
for Windows Mobile Phones  
SDK v3.0

## Overview

This document will guide users through installing and configuring the Skyhook Wireless Virtual GPS (WPS Settings) application onto **Windows Mobile** handsets. The installation and configuration process is very similar on all Windows Mobile 5.x and 6.x devices, but minor differences may be observed.

The sample device used in this document is an AT&T HTC Tilt.



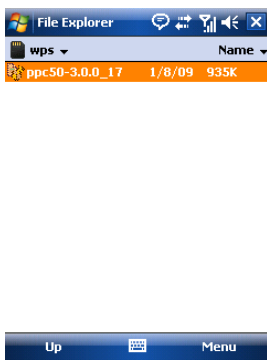
## System Requirements

- Windows Mobile 5.0 - CE, PDA, Smartphone, or PocketPC
- Windows Mobile 6.x - CE, Classic, Standard, or Professional
- Wifi network card for location based on wifi networks.
- GSM radio for location based on cell networks.
- Active Internet connection for the network-centric model.

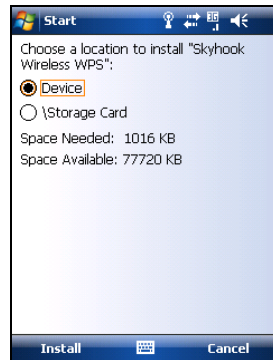
## Installing the Virtual GPS Application

1. Download the Virtual GPS application from the Skyhook Wireless Developer's site:  
<http://skyhookwireless.com/developers/sdk.php>
2. Copy the installer (.cab) file to a folder on the device or a storage card.
3. Start **File Explorer**, navigate to the file and launch the installer
4. Select to install the application to the Device

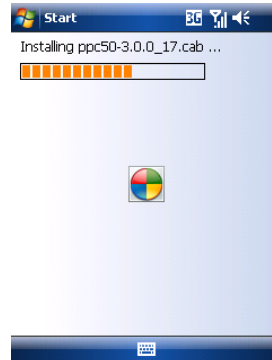
WPS Settings can be launched from the **Programs Menu**



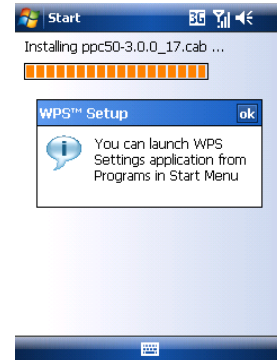
Select the installer



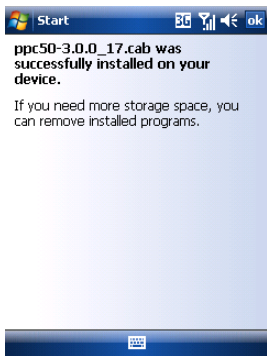
Install to device



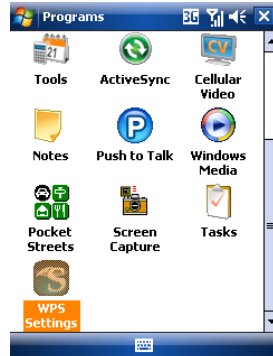
Installing



Where to find WPS



Installation is complete



WPS Settings Launcher

## Configuring WPS Settings

When the WPS Settings installation has completed, the settings panel will display six tabs that will be used to configure your device.

**Important to note: you must click [Apply] on any panel whose configuration changes.**

### Auth - tab

**Username:** Enter the username that you registered with the Skyhook Developer program. (API developer key)

**Realm:** Enter the realm that you registered with the Skyhook Developer program. (API developer key)

### Scan - tab

**Compressed file path:** This option will only be used if you have requested and received a local dataset from Skyhook Wireless, Inc. (agreement required).

**Temporary folder:** Select the folder on your device or storage card where the WPS application will store data files.

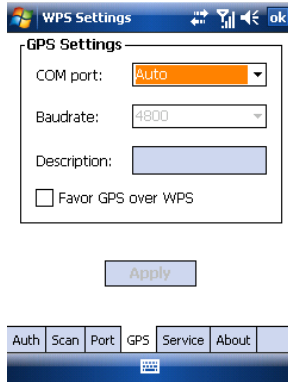
**Temporary folder max size:** This controls the amount data storage allocated to the WPS Settings application (default setting is 4096kb)

### Port - tab

**WPS Port:** Select the port that WPS will stream location data from by default, WPS will select an unused port.

**Disabling other serial drivers:** Use this option to disable an active device if a port for WPS is needed.

**GPS - tab**

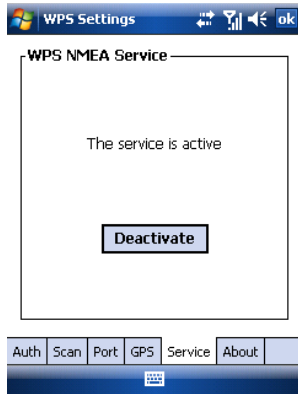


**COM Port:** Select the port that WPS will read the GPS data from (default is Auto).

**Baudrate:** Set the baudrate for your GPS device.

**Favor GPS:** Check this box if you want to default to GPS when WPS and GPS have the same error estimate.

**Service - tab**



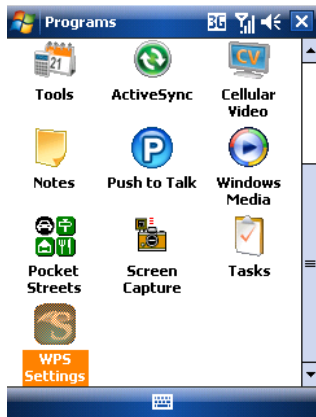
**Activate / Deactivate:**  
Toggles the WPS service On and Off

**About - tab**



**About:**  
View the WPS version, and copyright information.

## How to Access WPS Settings



### Launching WPS Settings:

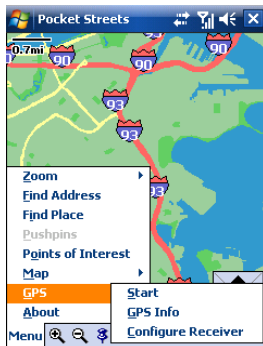
The WPS Settings application can be found in the Programs menu

-- Start → Programs → WPS Settings

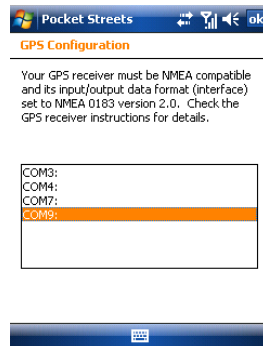
## Using WPS Virtual GPS with Other Applications

Other applications can utilize Skyhook's Virtual GPS. In any application, the WPS port appears and provides a location fix identical to GPS.

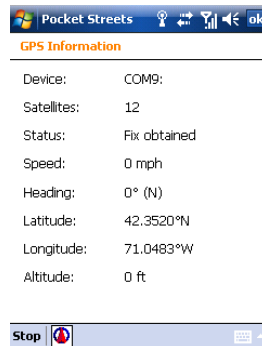
The following is an example of Microsoft's Pocket Streets using Skyhook's Virtual GPS.



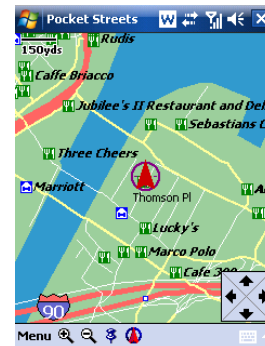
Open the GPS configuration



Select the WPS port



Start the mapping app



Your Location!