

INSTALLING USB/ EXTERNAL GPS RECEIVER



WHY?

The SIMON program and the MapPoint navigation program both require a dedicated GPS to operate. Your tablet has an internal GPS already integrated, but it is not capable of being shared by both of these programs at once. With this limitation, we lose the capability to click a link within SIMON that will automatically begin navigation. Adding this external GPS receiver and configuring it for the map program, restores this capability.

SIMON v2.0.1 HOME TASKS CONTRACTORS

Welcome, Bob Hart

Messages: Delete All

Date	From	Message	Delete
------	------	---------	--------

You have 250 Open Tasks in your queue.

Priority Tasks:

# Warranty Investigations	# RCAs	# Product Claim Investigations
0	0	0

Your Weekly Task Average (last 3 months) = 1.0 Sync

National Task Average = 10.2

Your Total Tasks Completed (calendar) = 251

Last Sync Time: 10/21/2011 5:38:56



Map - Microsoft MapPoint North America

File Edit View Data Route Tools Help

Type place or address

North America United States Georgia

GPS Sensor

Latitude: 34.12635°N
Longitude: 83.87973°W
Altitude: 954.07 ft
Time of fix: 11:47:25 AM
Status: Receiving data
Num Sats: 10
Bearing: 280°
Speed: 0 mph

Show GPS sensor when pane is closed

Show GPS pane

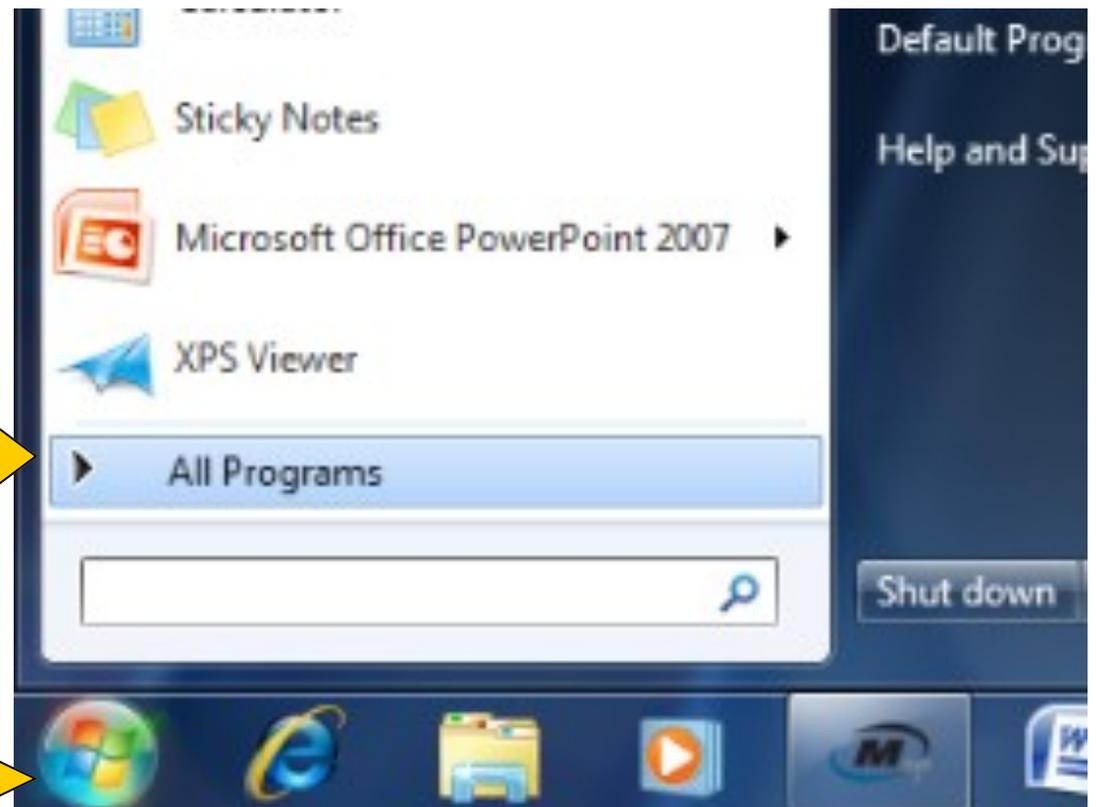


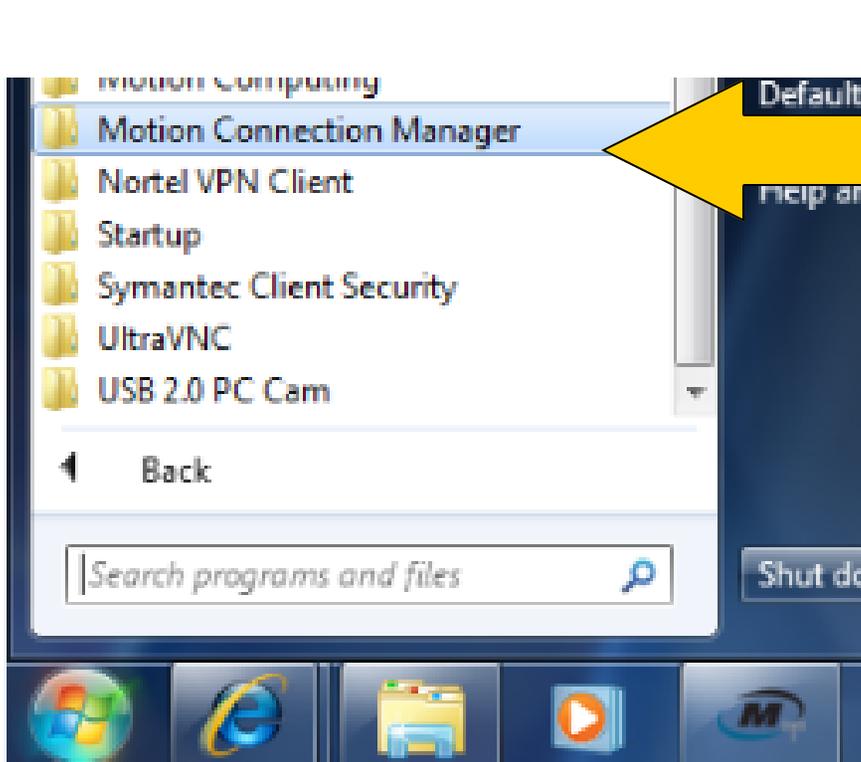
Head outdoors and insert the tablet into the RAM mount, and start the SIMON program. During setup, you need to have SIMON running with an **active GPS connection**. You know SIMON has an active GPS connection when the signal icon is blinking green.



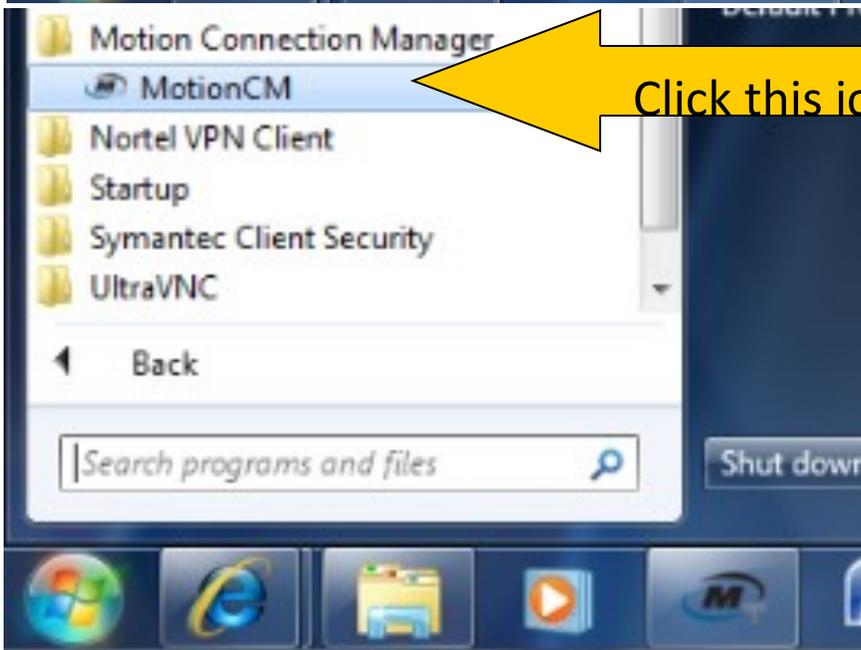
If the icon is blinking green with a GPS lock, skip to page 7. If you **do not** have an active GPS signal (blinking red) then go to the Motion connection manager to establish one.

To access the Motion connection manager, click the Microsoft pearl, then *all programs*.



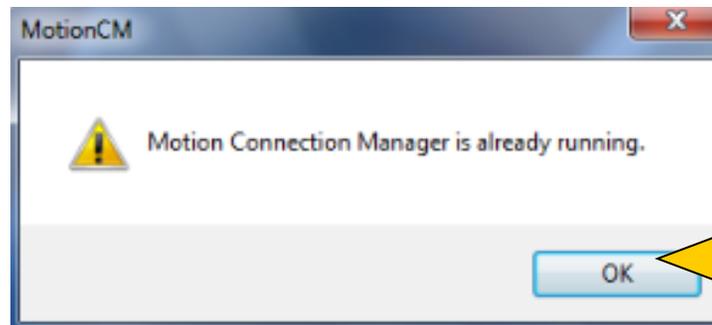


Then click Motion Connection Manager

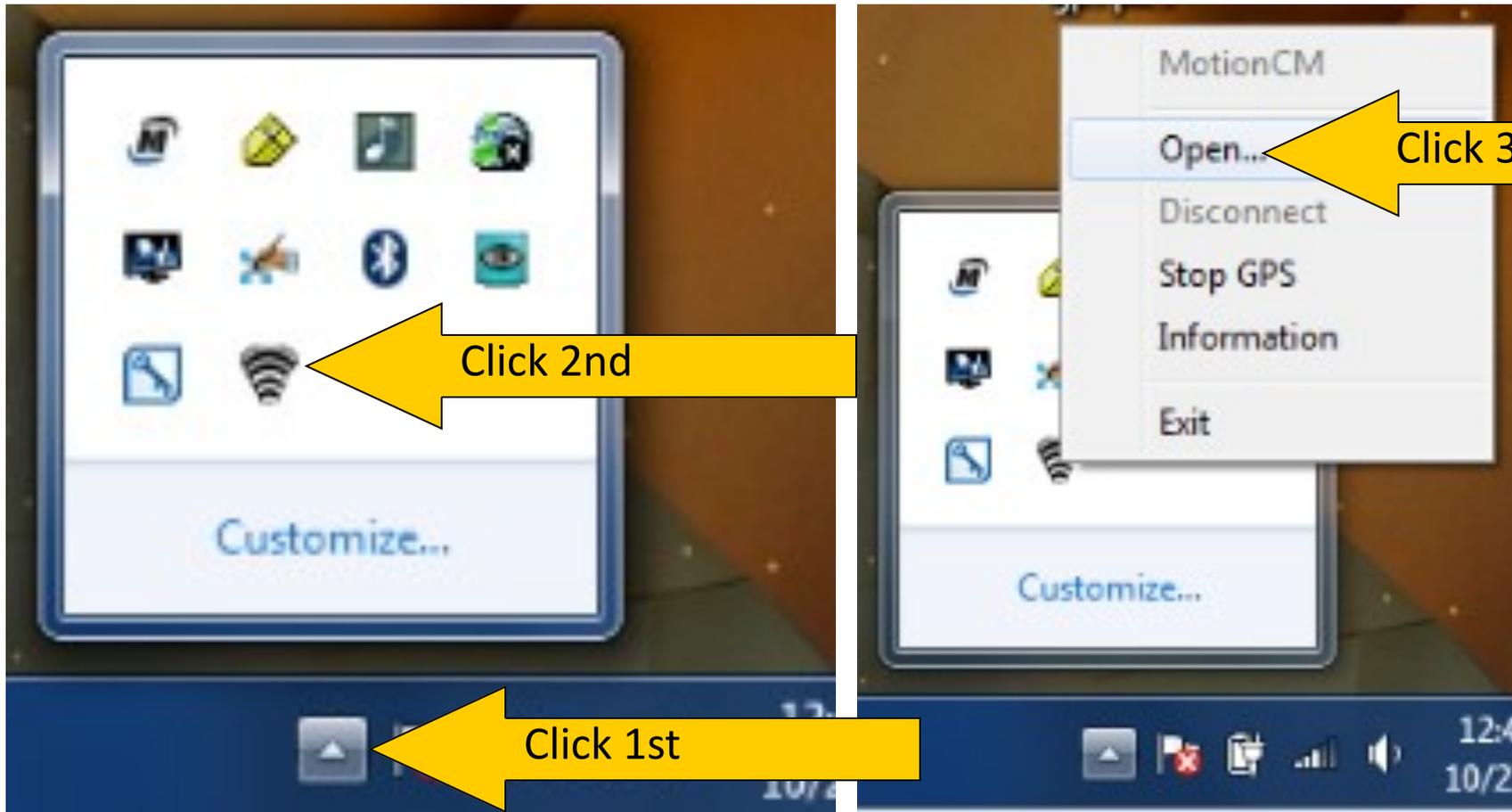


Click this icon

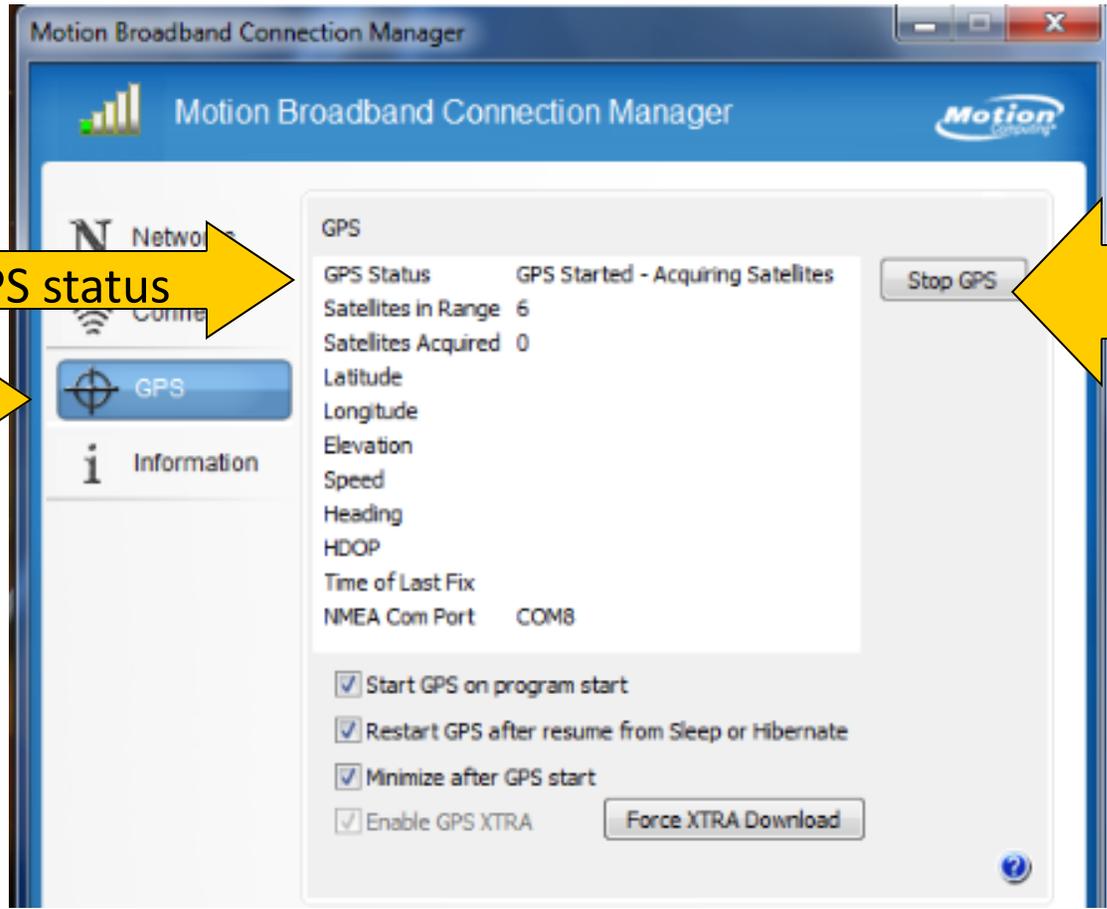
After clicking the MCM icon the program will start and you may get a message saying either; the program is *running* or the program is *already running*.



Now go to the bottom right of your desktop, and click the arrow next to the notification flag. Then click the white icon (“beehive”), and click open.



The Motion Connection Manager will now open. Select the GPS tab and check the status.

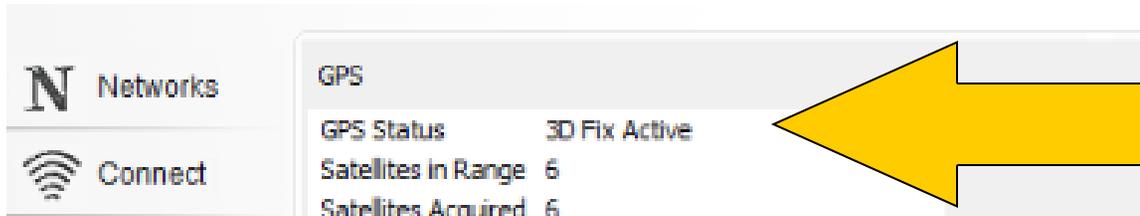


GPS status

GPS tab

Use this button to stop and start the GPS.

In the above window you see that the status is "GPS started Acquiring Satellites" This means that the GPS is started but is not yet ready.



Once you see "3D fix active", the GPS is ready. Close and restart SIMON program, and you should now have a blinking green icon.

Now the SIMON program has a GPS lock and you should have the blinking green icon. If it does not, close and restart the SIMON program.



Once you achieve GPS lock, **minimize** SIMON. It is very important that you minimize and not close the program. This will keep the internal GPS busy with SIMON, and make installing the External GPS easier.



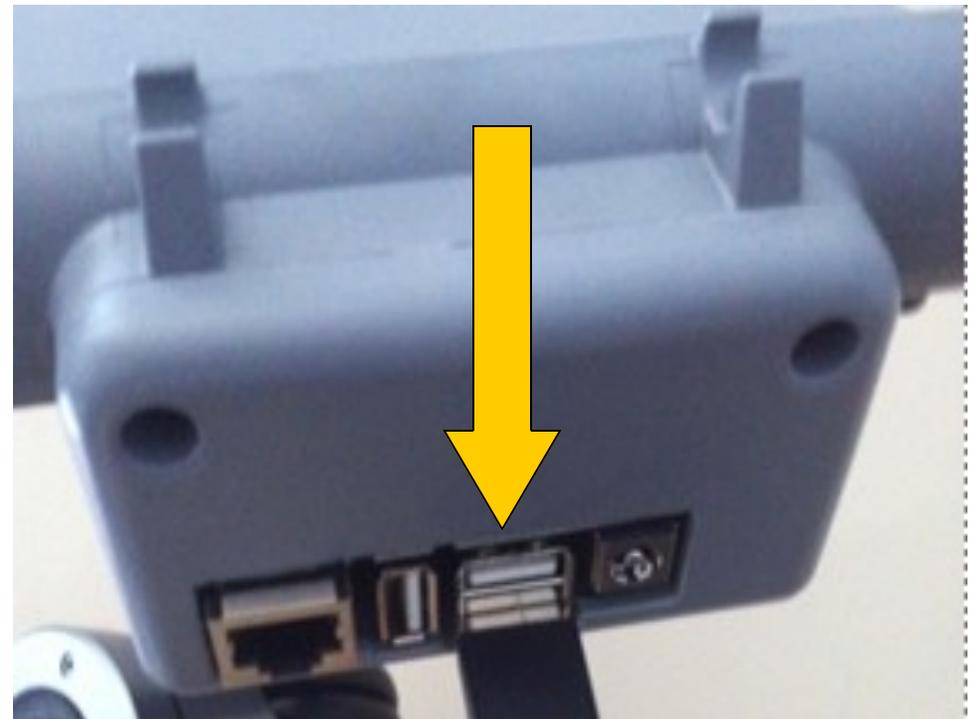
Welcome, Bob Hall

Minimize SIMON. Do not close with X.

Delete All

Delete

Mount the receiver. Included with the puck you should have found a USB extension cable, this gives you more flexibility in positioning the receiver. You can mount the GPS receiver anywhere you prefer, as long as it is able to receive a clear signal. Most commonly the dashboard area provides the best success. You can hold it in place with 2 sided tape, or adhesive backed Velcro strips. Ensure that the location you choose leaves enough slack in the cable to allow for any articulation that you may want in the RAM mount. One mounted, plug the USB cable into a USB port on the bottom of the mount. Remember– if removed and replaced, the same USB port needs to be utilized to avoid repeating the setup process.



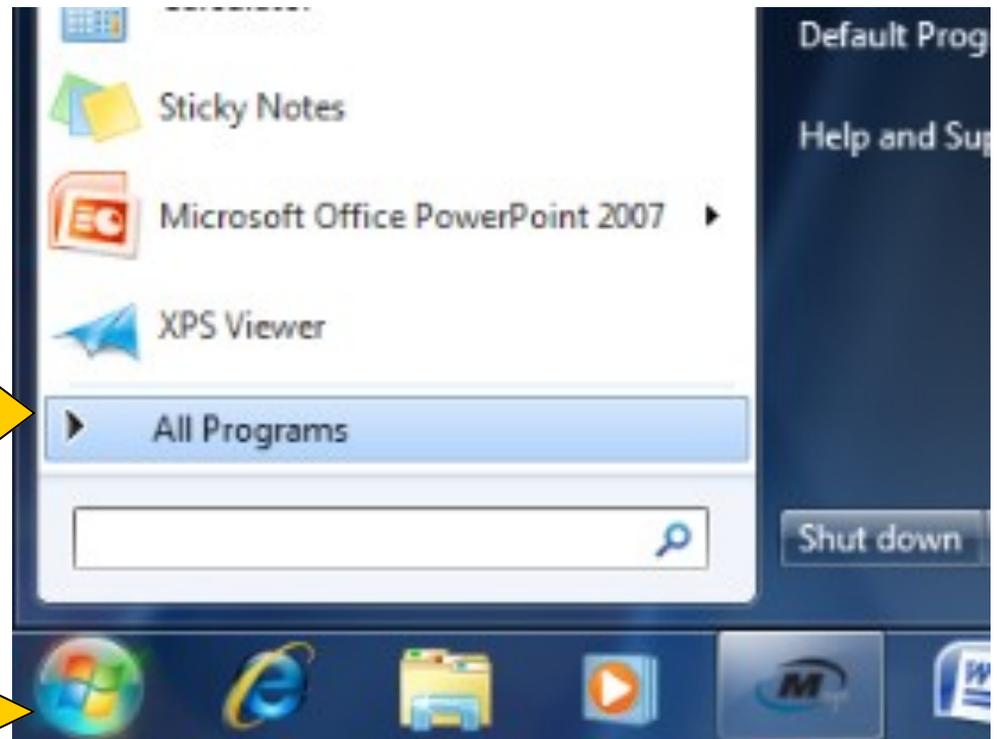
Once you plug in the USB cable, the GPS receiver's drivers will download. You will receive a message similar to the one below when completed.



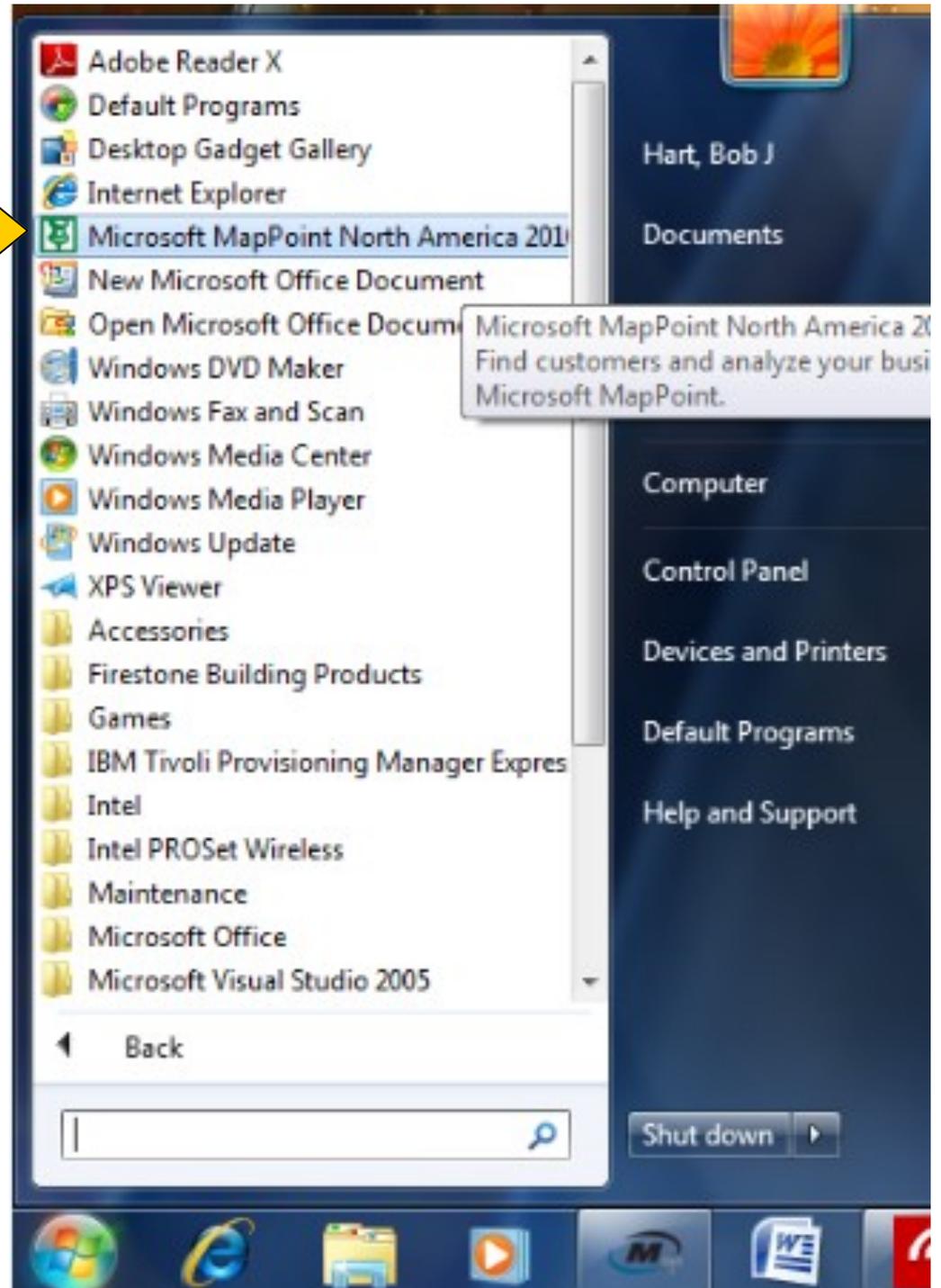
If you remember the COM port (COM 9 here), it will save you a step later on.

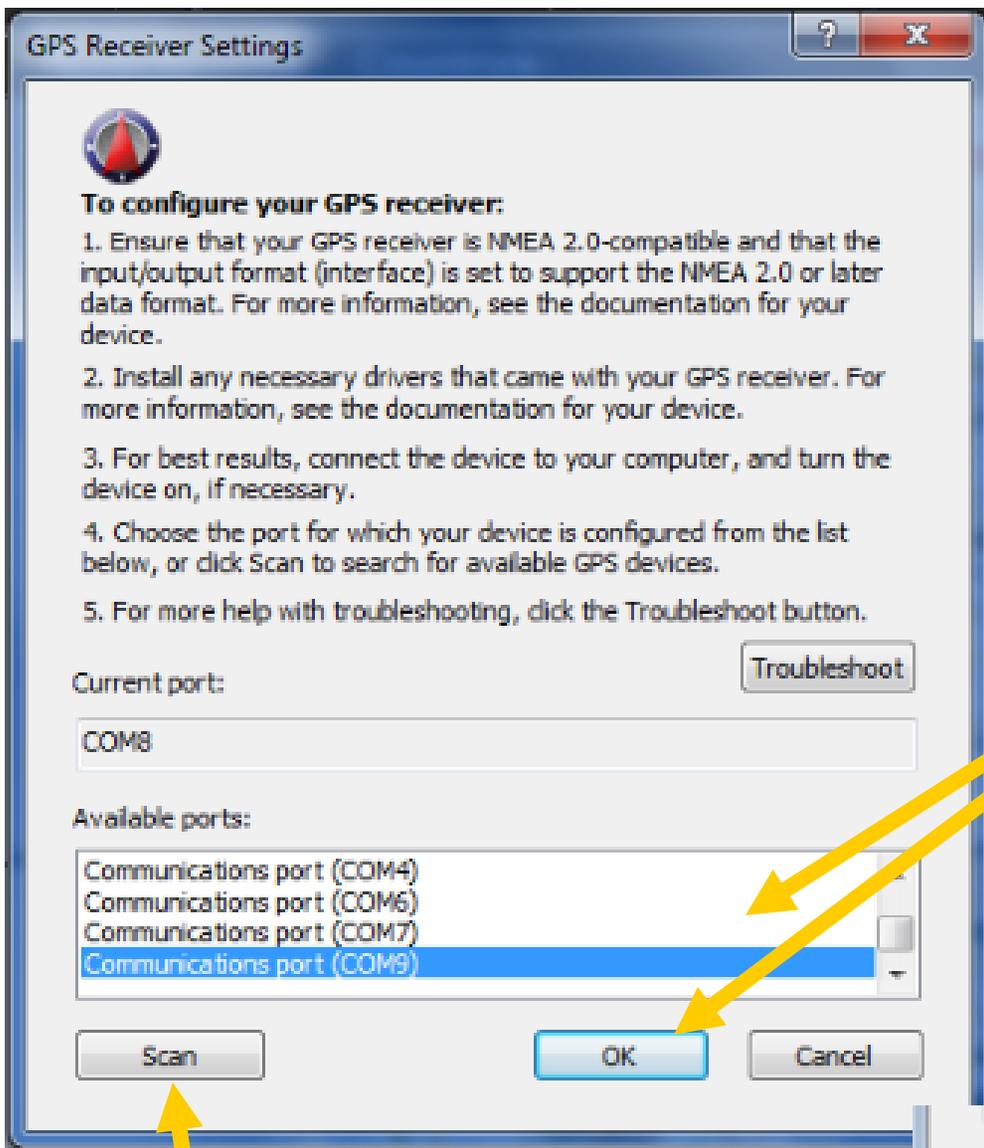
Now we need to configure the new external GPS to work with MapPoint. The next step is to open MapPoint **externally**. **Do not open it from within SIMON at this time.**

To access MapPoint, click the Microsoft pearl, then *all programs*.



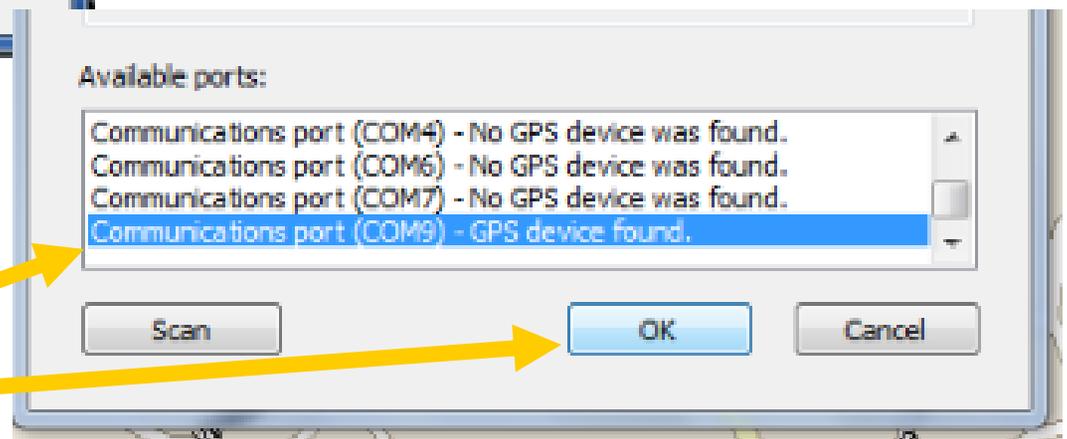
Then click on MapPoint



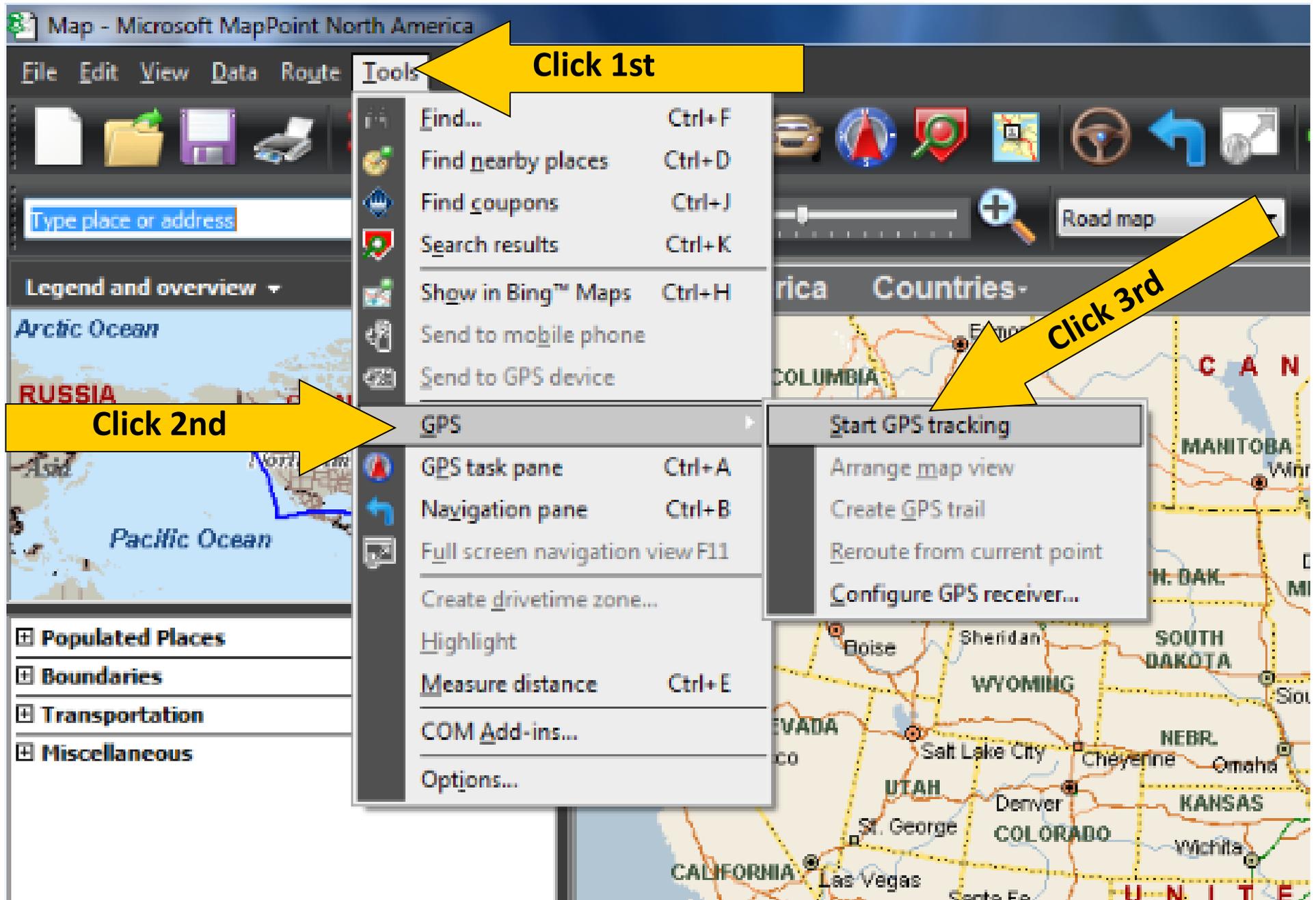


Now you should have this window on your screen. Since the internal GPS is busy with SIMON, you need to tell Map-Point where it can find a GPS. If you remember the port from the installation message (page 9) select that port from the menu then click *ok*.

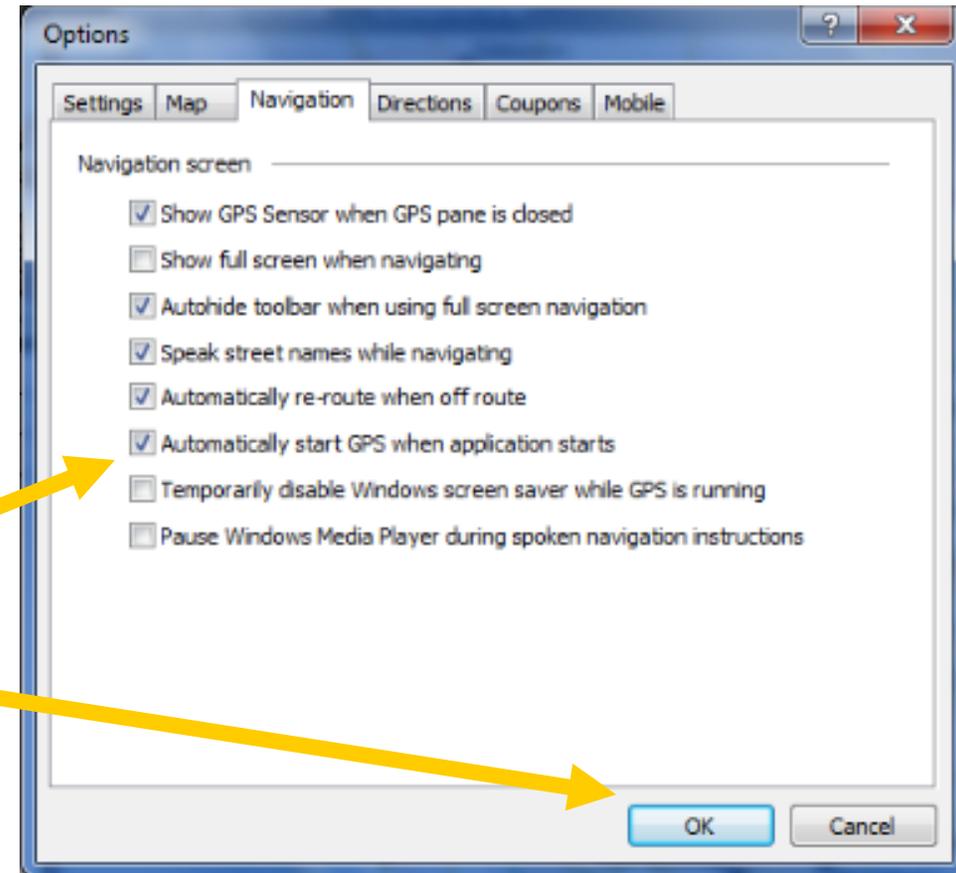
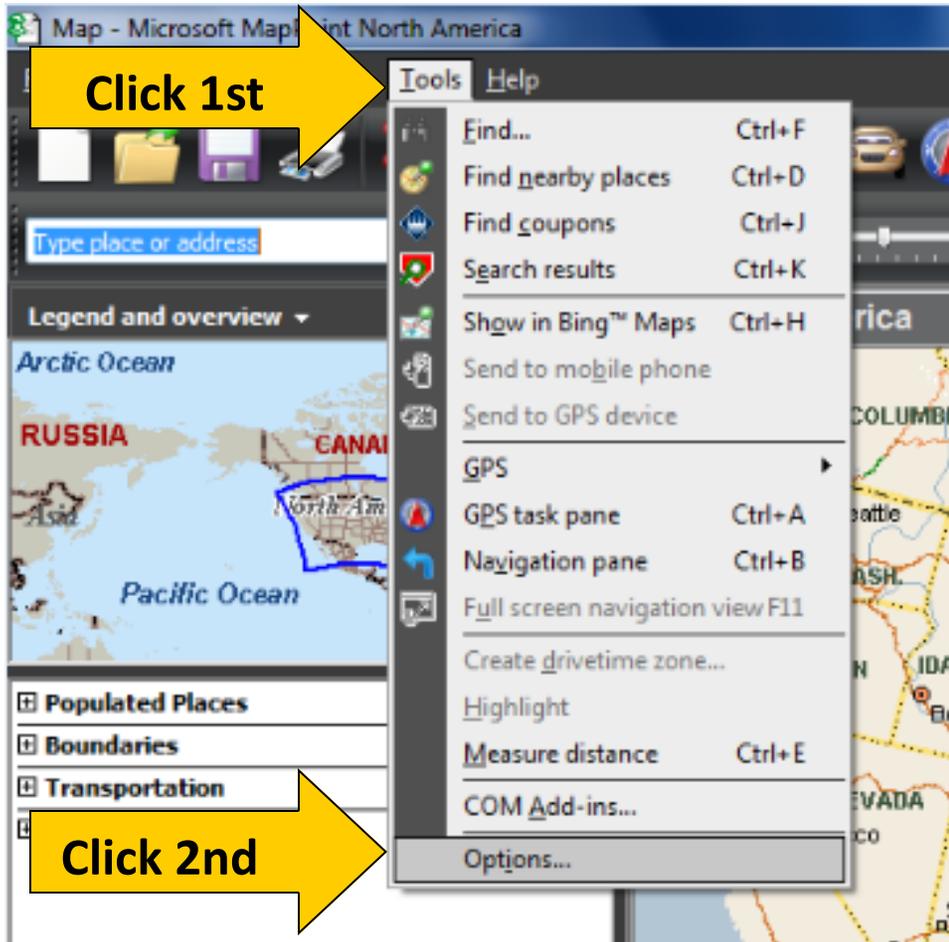
If you forget which port the GPS receiver was installed to, click *scan* and it will find it. Click the correct port then *ok*.



Now go to *Tools-GPS-Start GPS Tracking* to activate the GPS in the program.



Now go to *Tools– Options*.



When the options window opens click *automatically start GPS*, then *ok*.

You can now close MapPoint

Search

Clear

COMPLETED

UNSCHEDULED

SCHEDULED

MAP

Show Scheduled Tasks

All

Today

<

>

- All
- RFI ▲
- PIN ■
- IV ◆
- RCA ■
- PC ◆
- A A
- TR ▲



Zoom:



Show Territories



Douglas County Adult Detention and Law x

8470 South Cherokee Blvd Adhered - TPO - 110,100 Sq. Ft.

Douglasville, GA 30134

Nations Roof South 08914

Richard Nugent
(678) 567-1533

[Show All Jobs
By This Contractor](#)

[Reschedule Task](#)

[Directions](#)

Now when you click *Directions* from anywhere in the SIMON program, MapPoint will automatically open and function properly.

Search

Clear

COMPLETED

UNSCHEDULED

SCHEDULED

MAP

Show Sched

- All
 - RFI ▲
 - PIN ■
 - IV ◆
 - RCA ■
 - PC ◆
 - A ▲
 - TR ▲
- Zoom:
- Show Territories

Map - Microsoft MapPoint North America

File Edit View Data Route Tools Help

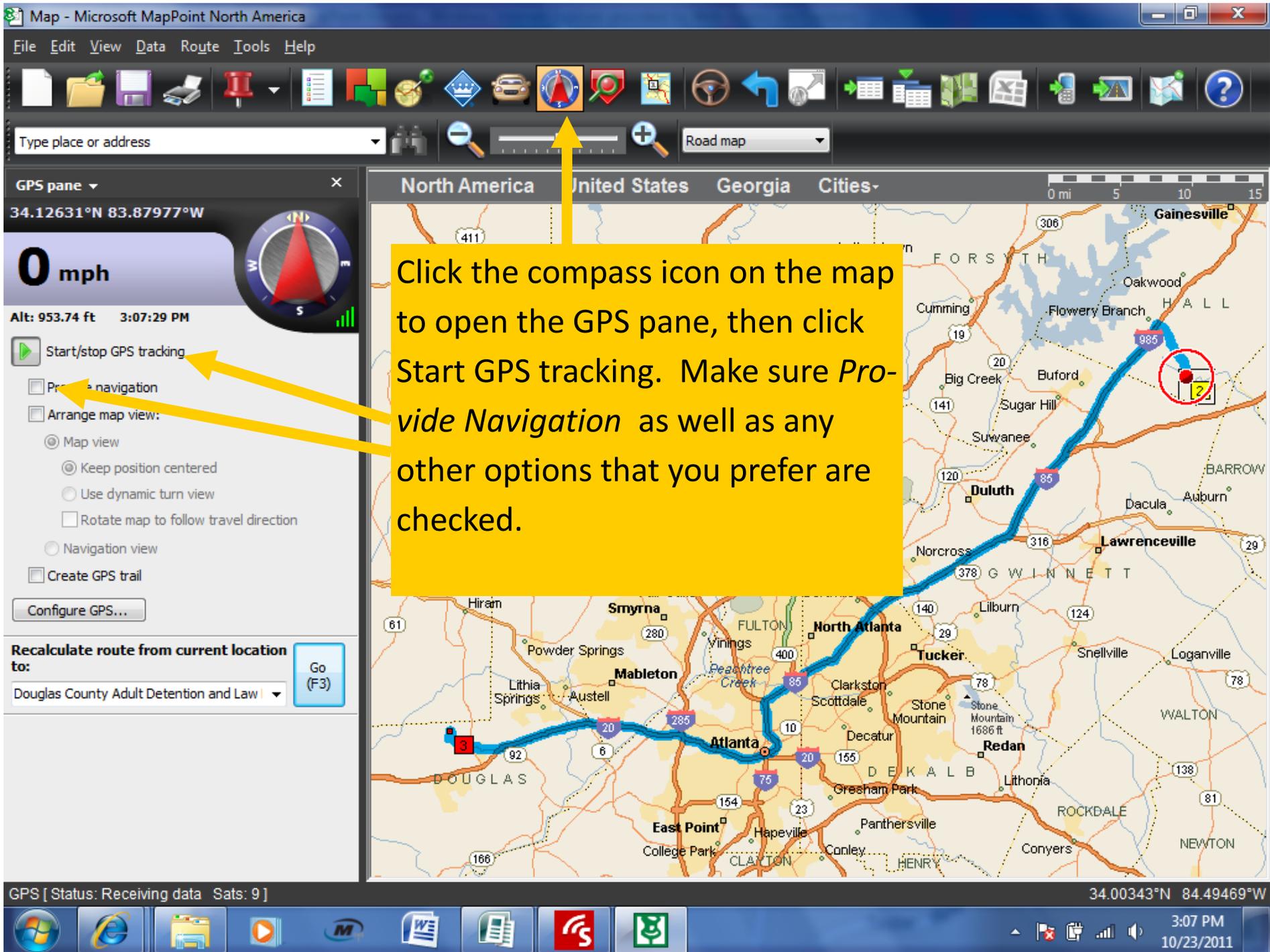
Type place or address

Legend and overview

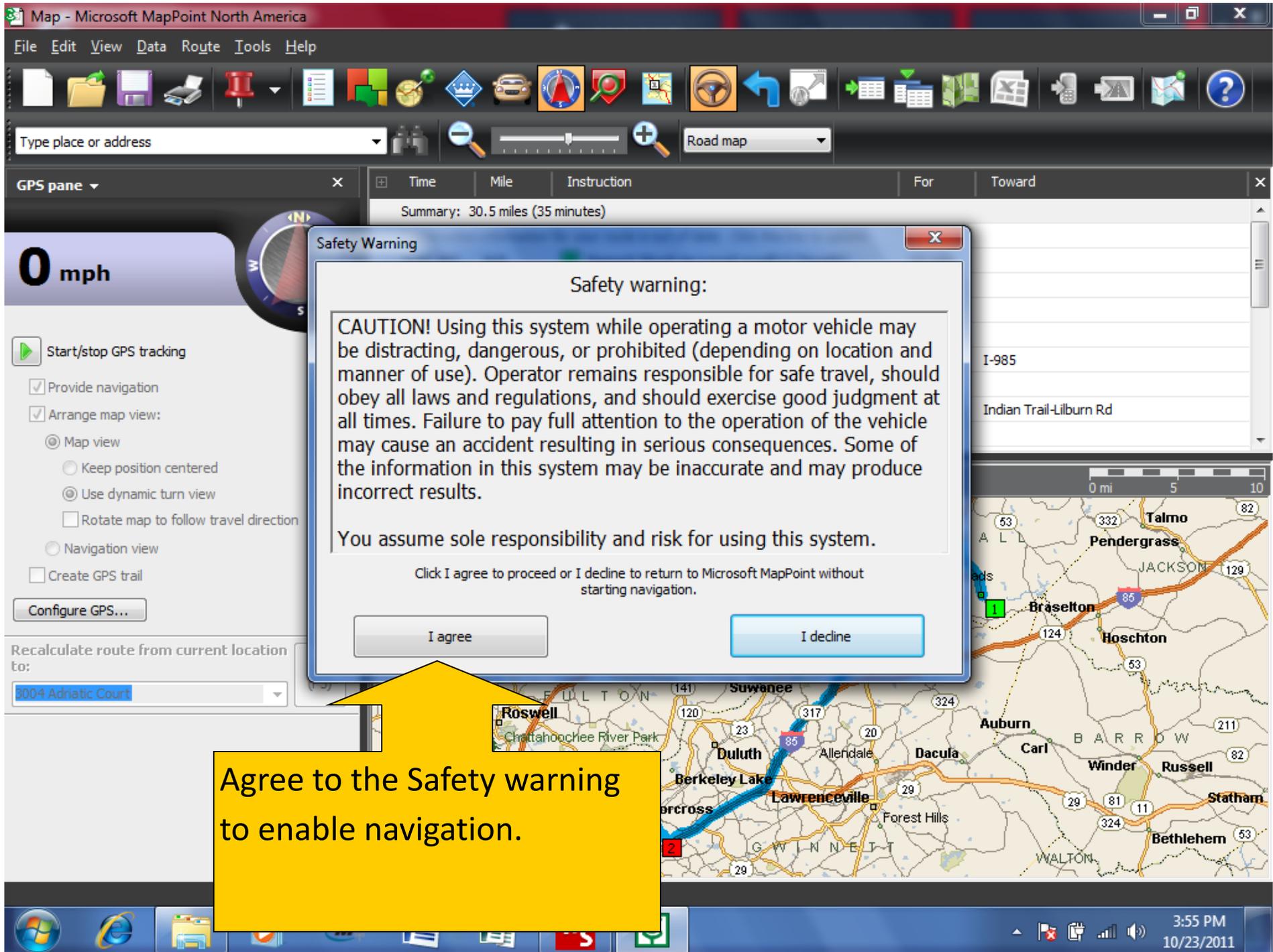
Populated Places
Boundaries
Transportation
Parks and Reserves
Miscellaneous

Time	Mile	Instruction	For	Toward
Summary: 72.4 miles (1 hour, 18 minutes)				
Construction information for your route is out of date. Click this line to update.				
9:00 AM	0.0	1 Depart Start on Local road(s) (South)	43 yds	
9:00 AM	0.1	Turn LEFT (East) onto Litany Ct, then immediately turn LE	4.2 mi	
9:06 AM	4.2	Road name changes to Phil Niekro Blvd [Spout Springs Rd	142 yds	
9:06 AM	4.3	Road name changes to Lights Ferry Rd [Spout Springs Rd	0.1 mi	

North America United States Georgia Cities



Click the compass icon on the map to open the GPS pane, then click Start GPS tracking. Make sure *Provide Navigation* as well as any other options that you prefer are checked.



Safety Warning

Safety warning:

CAUTION! Using this system while operating a motor vehicle may be distracting, dangerous, or prohibited (depending on location and manner of use). Operator remains responsible for safe travel, should obey all laws and regulations, and should exercise good judgment at all times. Failure to pay full attention to the operation of the vehicle may cause an accident resulting in serious consequences. Some of the information in this system may be inaccurate and may produce incorrect results.

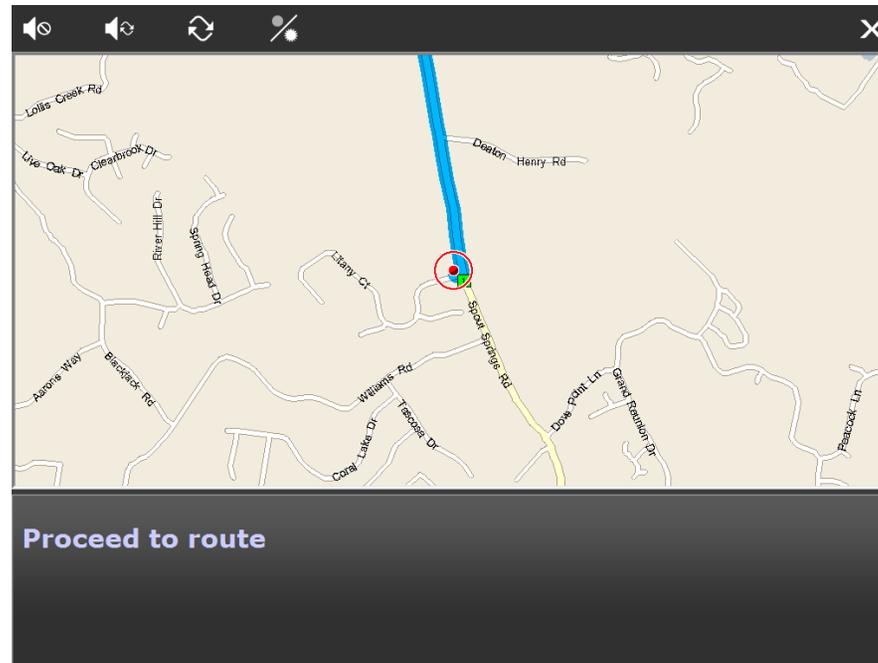
You assume sole responsibility and risk for using this system.

Click I agree to proceed or I decline to return to Microsoft MapPoint without starting navigation.

I agree I decline

Agree to the Safety warning to enable navigation.

The navigation screen is now active. Below is how it appears in full screen mode.



For questions regarding the use of MapPoint. Go to *help– MapPoint Tutorial*.

