

# Memory Map Asset Tracking



Memory-Map has launched a new online service that allows a group of mobile parties to see each other's location on a Canadian topographic Etopo map. There are many different applications for this capability, whether you are tracking your business assets, or your buddies. All you need to use it (with your pocket PC or PC) is a mobile internet connection via cell phone or satellite phone. Best of all, as a registered Memory-Map professional user, you can use this new service absolutely free!

To operate the tracking feature of Memory-Map with Etopo maps you will need a minimum of two copies of "Memory-Map pro". Each copy of MM pro is C\$195, there is no subscription fee at this time.

The MM program is started as normal displaying the Etopo map showing your location. The MM "Tracker" is also started which will open two insert boxes as above. The "simulator" box will only open if you are doing a simulation. The other larger box will allow you to open up your own account with your own passwords. You can choose how often your position is updated, finally clicking on "send now" will transmit & receive your positions. A small icon will appear showing you live positions.

## Memory Map Remote Tracking:

With Memory Map pro, you can use our free internet tracking service to show the real-time location of mobile users or assets.

**Note: Use of the service requires a wireless internet connection.**

Many cellular phone companies offer a data service, such as GPRS, which you can connect to using a laptop or Pocket PC. There are many different hardware configurations, e.g.:

- Laptop with wireless WAN PC-Card
- Pocket PC Phone Edition
- Bluetooth PDA, GPS and Cell phone

A Globalstar/Iridium satellite phone gives an internet connection where no cellular coverage is available.

## Features:

- Track any number of mobile parties.
- Runs on Windows PC and Pocket PC.
- Each party can see the position of all other parties in the group, overlaid on a topographic map, marine chart, street map, etc.
- User defined interval for position reporting / update, with automatic dial-out and hang-up.
- Works via cellular network, satellite phone, WiFi, or any other kind of internet connection. For example, you can use a cellular network (WAN) card in a laptop, a Pocket PC with built-in phone, or a separate cellphone, connected to the PC or PDA with either a cable or bluetooth.
- Efficient use of network bandwidth, scalable to hundreds of parties in a group.
- Free tracking service for licensed Memory-Map Professional users. (You are charged for internet access by your ISP or cellular network provider).

## Requirements

- The application runs on Windows 2000 or Windows XP, and on Windows Mobile Pocket PC 2002 or later.
- An internet connection is required. Anything that can provide access for browsing the web will work. It can be a dial-up connection or an always-on service such as GPRS. Talk to your cellular service provider about setting up a data connection for your laptop or Pocket PC.
- If using a cellular network, make sure you have coverage in the area you want to use the product.
- Each party to be tracked must have a Memory-Map Professional license with a separate serial number. If you would like some free 10 day demo serial numbers to try out the system, please contact [Map Connection Ltd.](http://www.mapconnection.com) at [sales@maconnection.com](mailto:sales@maconnection.com) or by calling (403) 215-4058. You can purchase an upgrade for an existing Memory-Map product license at [www.maptown.com](http://www.maptown.com)
- GPS hardware. Mobile parties must have a GPS connected and working with the installed Memory-Map Professional software.

## Getting Started

### Pre-requisites:

Before you start tracking, you need an installed copy of the Memory-Map mapping software, with maps covering your area of interest, and a registered Professional level license. If you are going to use a Pocket PC, install the mapping software and maps on your PDA, and get it set up and working with your GPS.

Also, set up your mobile internet connection. If you can browse the web and visit regular web sites (using http), then it will work for the tracking application. If you do not yet have mobile internet access, you can experiment with the software using the GPS Simulator on a fixed PC.

## **Installation and set-up:**

Next, download and install the memory Map tracking application [here](#) or visit [www.etopo.ca/downloads.html](http://www.etopo.ca/downloads.html). Click Programs / Memory-Map Tracking to start the tracking application. This will also launch the main Memory-Map mapping application, if it is not already running. Setting up your own private tracking group is a simple process:

1. Click "Setup New Account", and enter the name of the account, and the password.
2. On each PC or PDA, click "Join Account". Enter
3. The "User/Party Name" which is displayed on the other party's maps to identify you
4. The account name and password you wish to join.

## **Using the Open account**

If you want to test the system, without setting up multiple other devices, you can join the Open account. This has several parties running a simulated position, as well as any other users around the world who are testing the system. Just click "Join" and use the Account name "Open", with no password.

## **Sending your position**

Set up your GPS, so you have your position shown in Memory-Map Professional. Switch back to MMTrack, and click "Send Now". This will send your position, and retrieve the position of other parties in a single step. The Status area shows the time of the last send, whether or not your position was sent, and the number of other parties that were received. Click "View Map", and Memory-Map Professional will be shown, and the map view will change to show an overview of all the received positions. If you don't have a GPS connected (e.g. at a base computer at home or in the office) then no position is sent, but you will still get the position of other parties.