

# INSTALLING GPSTrac in a Blackberry (manual operation)

Requires DataGate version 3.8.1 or later

*Before the Blackberry can communicate with the DataGate server it has to have the APN address of the cellular network provider entered to activate a TCP link. Start the Blackberry, select advanced options and scroll down to TCP and enter the APN. You should also select GPS and ensure that services are turned on.*

*Before the Blackberry can send data to a DataGate it has to be activated in DataGate. After the Blackberry program is installed and settings configured, the Blackberry will attempt to register with the DataGate. To register the Blackberry in DataGate, open the DataGate screen. You should see "unknown device" in the lower part of the screen. Now go to the Blackberry options screen and scroll down to "status" and write down the IMEI. In DataGate add a new device (refer to the DataGate manual) select Blackberry/N95 as the device, select modems and enter the IMEI number in the box, you can also select the DataHosts that are entitled to view the device's location data, select OK to close the settings.*

## Programming the Blackberry

- 1; Download the current GPSTrac file from [www.avl-software.com/Downloads](http://www.avl-software.com/Downloads) and save the file in a new folder. Suggested name "Blackberry-GPSTrac". Unzip the file into the same folder.
- 2: Open up Blackberry Desktop Manager. If it is not currently installed it can be downloaded from [www.rim.com](http://www.rim.com) Connect the BB to a USB port and wait for the Desktop Manager to locate it.
- 3: Open the BB program loader and browse to the GPSTrac folder and select GPSTrac.alx and load the program.
- 4: when loading has completed successfully, disconnect the BB from the computer and go into BB applications and select GPSTrac Manager. Using the "menu" button, select Settings.

A: enter your server IP address or URL

B: enter the port number, 3333 is the default, however you can change it, just ensure the DataGate is also set to the new port number.

C: Set the desired GPS reporting interval in seconds. If you don't want any GPS reporting other than emergency alerts, remove the check-mark in "Reports" found lower in the screen.

D: Set the update report interval when in alert mode. This sends an updated GPS location every x seconds. This should be set to allow an anticipated time window for emergency response personnel to reach the person in distress.

E: The GPSTrac operates in a hidden mode which is unseen and out of the control of the operator. In this mode the emergency alert function is always available to the operator, irrespective of what other application may be running.

To activate an emergency alert the operator MUST select the GPSTrac application, this will appear as a white screen with a dot in the center. The operator then has to press the "track-ball" four times, wait for the vibrations to stop and then press once more to send the alert. The four presses minimizes false triggering. When the alert has been received by the DataGate control hub an acknowledgment is transmitted back to the Blackberry, causing it to vibrate three times to notify the operator. In this mode the operator has access to change settings

## PROGRAM UPDATES

When a program update is required, use the Desktop Manager to remove the previous install, this also requires deleting the line. Then proceed to install the new program/

## INDEMNIFICATION

This product is **not guaranteed** to provide 100% reliability in any life support application. **Like all wireless network devices network failure can occur at any time without warning.** Customers using, integrating, and/or selling this application **do so at their own risk** and agree to fully indemnify Datalink Systems Inc. and Datalink Systems USA Inc. and their agent should the system fail during an emergency situation.