

# **GPRS** Track

#### - Use GooTrac to track over navigation map -

## User Manual

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### TRACK OVER NAVIGATION MAP

### 1. Requirements

- Make sure you did have installed a GSM SIM Card to AVL; and its GPRS function had been enabled.
- (2) **Fixed IP Address** is required for the operation; Intranet is NOT workable for this operation.
- (3) Navigation map following **NMEA-0183 protocol** should be installed in your PC in advance.

### 2. Create a Virtual COM Port

Step1. Put the CD delivered with the tracker to the CD driver of your computer; according to the OS of your computer, to install the driver for **USB-RS232 cable**.



### Step2. Connect the **RS232-USB Cable** delivered with the device to the USB port & the RS232 port of your PC.



Step3. After connect the USB-RS2332 cable, please click "My computer" → "Properties" → "Hardware" → "Device Manager"; than check with the virtual COM port is on which Port (ex. COM6).

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🗄 🖓 🖾 Human Interface Devices	<b></b>
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1 Monitors	
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E      PCMCIA adapters	
PCMCIA and Flash memory devices	
Ports (COM & LPT)	
Communications Port (COM1)	
CP2101 USB to UART Bridge Controller (COM6)	
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### 3. Install GooTrac Software

Step1. Put the CD delivered with the tracker to the CD driver of your computer; click on "**GooTrac**" to install the software into your computer.



🚰 Goo Trac	
Select Installation Folder	
The installer will install GooTrac to the following folder.	Jour of oligit "Promos"
To install in this folder, click intext . To install to a different folder, enter it be	NOW OF CIICK BROWSE .
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C:\Program Files\GoPass\Goo Trac\	B <u>r</u> owse
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Installation Complete GooTrac has been successfully installed. Click "Close" to exit.	
GooTrac has been successfully installed. Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET Framework.	
"Start" $\rightarrow$ "All Programs" $\rightarrow$ "Gopass" $\rightarrow$ "GooTrac" to run the properties of the second statement o	rogram
	Please use Windows Update to check for any critical updates to the .NET Framework.          Cancel       < Back

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### 4. Easy Steps 123

First of all, run GooTrac software in your PC.

Step1. Set GPRS APN - send SMS command 600# to the tracker.

600#Password #APN#IP#User#APN\_Password

(ex. 600#8888#airtelnet.es#0.0.0.0#vodafone#vodafone) <Please check with your mobile operator for the APN data. You can find the right command in http://www.gopasstech.com by clicking "send my GPRS APN command".>

Step2. Set IP Address - send SMS command 999# to the tracker.

#### 999#Password#ServerIP#Port

(ex.999#8888#59.120.2.234#3000 - send the data to GoPass server)

<Go to http://www.gopasstech.com; click "See my IP Address" to get the data.>

Step3. Set transmission time interval – send SMS command 115# to the tracker. 115#Password#XX

(ex.115#8888#20 - send the GPS data once each 20 seconds)

After then, the vehicle position data will prompt in GooTrac main screen, as illustrated below.

💣 Goo Trac				
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IMEI	Driver	VehicleID	Data	
Receive Position: 3556320081469	188 VehicleC	ount: 0   1		

### 5. Pipe to COM

Please set "Pipe Option" (as illustrated below), when you use it for the first time.



Set the **Data Port** in "**Pipe Option**" to be the same as the **Virtual COM Port** you created in Point 2; and **Baud Rate** to the same value as your mapping software; while the rest can be kept as the default. (The below example is to transfer the GPS position data to **COM6**; and set Baud Rate to **115200**).

0	<b>7</b> 1	Pipe Option		×
	Г			
		Data Port	COM 6	
		Baud Rate	115200 💌	
		Parity	None 🗸	
		Data Size	8 🗸	
		Stop Bit	1 👻	
		ОК	Cancel	
		ОК	Cancel	

After the above setting, right click the vehicle icon, select "**Pipe to COM**", the text of the column will change to **blue** color. It indicates the GPS position data have been re-directed to the COM Port.

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IMEI	Driver Vehicle	ID Data	
Receive Position: 3556320081469	88 VehicleCount: 0   1		.:i

### 6. Run Navigation Map

Run the mapping software installed in your computer; set **GPS Port** to **COM1**, and **Baud Rate** to the same value as set in **Pipe Option** (in the above example, it is **115200**), you will be able to see the position/ movement of the vehicle in the map live & real-time.

	Options ?	
	GPS Routing Voice System	1
	GPS Com: COM1:	
	Baudrate: 115200	
	Datum: WGS 84 🗸	
	Format: NMEA 0183 -	
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