



Vehicle Tracking via GPS & GSM

GPS satellite tracking is very effective but not always necessary. If your vehicles are used in high density regions and never leave areas where there is good 3G coverage then GPS is not necessary.

However, GPS would be necessary if your vehicle is taken out of a 3G coverage area or stolen (as you would not know where it ends up). GPS tracking is also highly accurate and fast.

We can supply either GPS or 3G tracking solutions. Sometimes a combination of both is desirable.



Data communication via satellite is expensive whereas it is substantially more affordable via 3G. Also the 3G solution provides updates quicker than satellite. Keeping the data simple via satellite communications will keep your operating costs down.



For cost efficiency our suggestion is to track vehicles via an affordable GPS system and monitor operations of the vehicle via 3G where coverage is good.

We can offer a GPS/GSM solution that:

- Uses the 3G GSM mobile network for any data transfers such as: speed monitoring, heavy braking, impacts, geo fence monitoring, engine hours & stationary time and other features.
- Uses GPS to send a text message or email the instant your vehicle begins to move and allows the owner to track its movements at intervals of 2½, 5, 10, 30, 60 minutes using a mobile phone, tablet or computer with vehicle position displayed on Google Maps.

Power supply	Will operate on a voltage supply between 9 and 40 volts DC
Power consumption	7mA 12V in sleep mode and 100mA 12V operation mode
Battery back up	Yes. Both GPS and 3G devices have a built-in back up battery which will operate for up to 12 months without recharging.
Networks & frequency of operation	Telstra 3G - 800/850/900/1700/1900/2100 Mhz Annual data plan and monitoring agreement required.
GPS*	Globestar simplex network. Annual subscription required.
3G data (messaging)	Telstra. Cost subject to data plan and messaging requirements.
I/O port (3G unit only)	Acc Input, Digital input, Analogue input, Buzzer out, Audio (microphone & speaker) for additional features

Satellite Television & Radio Australia Pty Ltd

PO Box 310, Petrie, Qld, 4501 - Ph 07 3103 0477 e: admin@stra.com.au w: www.stra.com.au

ABN 85151797009