



Hal-Fleet - The simplest tracking solution designed to improve the efficiency and productivity of your fleet - saving fuel, ensuring on time performance and improving safety

To help manage your fleet, HAL Fleet delivers a broad spectrum of features for greater efficiency and productivity.

On the back of the success of HAL Locate (A Thatcham Cat 6 device for the Caravan and Motor Home industry) HAL Fleet's integrated software and systems help make fleet operations safer and more productive. HAL FLEET helps dispatchers and operations managers make better decisions and improve performance.

With the help of Cloud Locate, HAL FLEET lets you easily locate, track and monitor the position and the operations of vehicles in your fleet. The solution includes real-time tracking of vehicles from a desktop and real time monitoring to enforce safer driving. For example - you can monitor mileage and vehicle use and alert managers to unauthorized use and unsafe driving behaviour. 3D maps incorporating the latest technologies and comprehensive reporting tools help complete the simple yet cost effective solution. Cloud Locate is browser- based and accessible from any Internet- connected device.



Some of the benefits of the HAL Fleet solution include:

- ✓ Fuel savings ensured by better MPG performance.
- ✓ Labour savings averaging 30 minutes per day per vehicle.
- ✓ Improving productivity. Average at least one more job per day per employee.
- ✓ Cloud Locate Efficiency. Less training, faster ramp-up with intuitive, integrated map views, easy-to-use screen layouts and recognizable icons.
- ✓ Safety performance improved through real-time monitoring, alerts and reports that help to trim costs and ensure compliance.
- ✓ Customer service improved by knowing exact arrival times, responding more effectively to emergencies and last-minute changes, and "tearing down the old wall map."
- ✓ No more side jobs — as a result of eliminating unauthorized vehicle use.
- ✓ Traffic violations reduced - with the monitoring of driving behaviour.
- ✓ Security and safety enhanced with integrated GPS, real time monitoring, alerts, and messaging.
- ✓ Lower compliance costs and reduces audit risk

SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
Dimensions	85 x 56 x 27mm
Weight	85 grams
GPS device	Internal
Cellular	Internal
Status LEDs	GPS and Cellular
ELECTRICAL SPECIFICATIONS	
Operating Voltage	6 to 32 VDC Power Consump'on
Deep Sleep	< 1 mA @ 12V Sleep on Network < 10mA @ 12V Ac'ive Standby < 70mA @ 12V
ENVIRONMENTAL SPECIFICATIONS	
Operating	--22° to 167°F (--30°C to 75°C)
Storage	--40° to 185°F (--40°C to 85°C)
Humidity	95%RH @ 122°F non--condensing Shock and Vibra'on SAE J1455
EMC/EMI	Fully type approved confirming with the R&TTE directive Ce approval
RoHS Compliant	
GPS TECHNOLOGY	
GPS	50 channel (with WAAS)
Sensitivity	163 dbm
GSM SPECIFICATIONS	
Comm. Modes	GPRS packet data and SMS Data Support SMS, GPRS (UDP)
Cellular/PCS	FCC -- Parts 22, 24; PTCRB
GPRS	Up to class 12
Quad Band	850/900/1800/1900 MHz
COMPREHENSIVE I/O	
Inputs	optanal
Status LEDs	GPS and Cellular
MOUNTING	
Tie-wrap or screw mount or 3m double sided tape	

KEY FEATURES

- ✓ Internal cellular and GPS antennae
- ✓ High sensitivity GPS -163dbm tracking
- ✓ Low power sleep modes
- ✓ Internal 750mah backup battery
- ✓ 3 axis accelerometer for motion hard braking and impact detection
- ✓ Voltage monitoring and low voltage warning including tamper alert
- ✓ Over the air software update capability
- ✓ Development options available
- ✓ Customised software/hardware available on request