

# T-SIMSAT

## Asset Tracker

### Practical solution for tracking asset locations

T-SIMSAT is a practical solution for trucks and other assets (trailers, isotainers etc) where 3G cellular coverage is not available (outback Australia, mines etc)

Typically, satellite communication technology is thought of and considered as specialised and expensive for continuous monitoring. Transtech has implemented a simple, convenient and cost effective solution: the T-SIMSAT.

The T-SIMSAT uses satellite communication to transmit its location. Its reporting frequency can be set to a certain number of transmissions when stationary and a different rate when moving. For example, when stationary report once every 24 hours, but when moving report once every ten minutes.

The device is completely self-contained. It can be mounted externally, for example on a trailer or container, or on the dashboard of a truck. The device is rated to handle dust, water, temperature and general weather elements wherever it is placed. As long as it can see the sky, it will communicate to the satellite. This device features a battery life of up to three years before requiring replacement, subject to a typical number of reporting transmissions.





The T-SIMSAT utilises the same NextGen tracking and event management process that the transport operator uses to monitor their vehicles under IAP using GPRS cellular based networks, mobile PDA devices and the like. One central point of control for all out of office activity that needs to be managed and monitored.

T-SIMSAT is capable of numerous other features including:

- External sensors (eg temperature)
- External on/off management
- External power
- Event based messaging and alerts

This ensures an upgrade path for numerous other applications for the Transport industry to manage their fleets and assets.

### Features and Benefits

-  **Quick and simple installation:** requires no harness or external antenna to operate.
-  **Automatic alerts:** change of location sensing sends alerts if asset moves outside a pre-determined area
-  **Messaging cost reduction mode:** reduced satellite messaging if asset remains at the same location for pre-determined time
-  **Accepts serial signals (TTL)** from external inputs.

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