



Asset & Vehicle Tracking



Our FMS, AT and TTU solutions were developed with MIRA, the UK Motor Industry Research Association, to allow high-speed data from the vehicle CAN network to be transmitted in real time over the GSM network as well as provide positional data and accept inputs from other sensors and devices.

IRIS further developed this capability to provide the stolen vehicle tracking and asset management industry with the most flexible and cost effect solutions available. More recently we have also worked with strategic offshore partners to deliver bought-in hardware that is made highly functional through our Comms Hub.

All of our Asset Tracking products boast the following as standard features:

- ↪ IRIS “spatial awareness” technology allows the unit to monitor and report on its position relative to pre-programmed routes or locations.
- ↪ Powerful embedded processing routines offer the option of on-board data processing thereby reducing the cost of data downloads.
- ↪ Self-diagnostics check to establish the ability of the unit to perform its full range of design functionality.

IRIS FMS

IRIS FMS is an advanced telematics unit designed and built by IRIS.

- ↪ Fully integrated telematics unit incorporating encrypted data communications.
- ↪ Digital Motion Detect
- ↪ Text/Token to speech function allows delivery of voice commands to the driver of the vehicle.
- ↪ Class leading low power consumption of 14µA whilst monitoring for motion or timer functions.
- ↪ Locate on demand option, the unit may be woken even when in sleep mode to obtain position or download data.

IRIS AT

IRIS AT is a highly advanced telematics unit that is optimised for non-powered asset tracking.

- ↪ Optimised for non-powered asset solutions, the IRIS AT provides 24/7 monitoring for up to 2 years from a single battery charge.
- ↪ Optional Ephemeris assisted GPS positioning provides virtually instantaneous position on wake up.
- ↪ RF Key activates the IRIS AT on key press or provides Automatic Driver Recognition for vehicle tracking applications.
- ↪ Fully integrated telematics unit incorporating voice and encrypted data communications.
- ↪ Digital Motion Detect.
- ↪ Class leading low power consumption of 14µA whilst monitoring for motion or timer functions.
- ↪ Locate on demand option, the unit may be woken even when in sleep mode to obtain position or download data.





IRIS TTU – Trailer Tracking Units

The IRIS TTU autonomous trailer tracking unit provides enhanced trailer asset and load security. It is powered by a solar panel with battery back-up and provides a minimum operational life of more than 5 years. The IRIS TTU is self contained, water resistant to IP67, structurally resilient and meets the requirement of roof mounting on a heavy goods vehicle. Its internal power management system enables it to be self-sufficient even in low-light winter months.

Measuring just 255mm x 180mm x 60mm and weighing 3.5 Kg, the IRIS TTU is compact, robust and offers exceptional functionality.

Key Features:

- Positional data once every 5 minutes when the trailer is moving and for a minimum period of 12 hours per day over a continuous 365 day period. Positional information every 6 hours when in sleep mode
- RF Network provides wireless system expansion via individual RF nodes capable of detecting door opening, temperature monitoring and other trailer activity.
- Data communication between the trailer tracking unit and the host is over GPRS or SMS.
- Power and solar recharging is optimised for year-round functionality
- Adjustable positional data transmission frequency
- 5 year reliability tested

Stolen Vehicle Tracking

Over 1.2 million vehicle-related thefts were reported for 2009-2010. RF tags can work but increasingly these are stolen with the keys and are thus rendered useless. IRIS was at the heart of technological developments to address stolen vehicle tracking and worked in partnership with Thatcham and MIRA to develop cutting-edge tracking solutions.

SVT5

The IRIS SVT 5 is one of the few devices to achieve Thatcham Cat 5 accreditation and is used by some of the leading automotive manufacturers in the world. It meets all of the requirements of Europe's stolen vehicle tracking legislation as well as providing support for vehicle asset management applications.

SVT

The IRIS SVT is a lower cost vehicle tracking solution for all vehicle categories. The high capacity internal battery powers the monitoring system for up to 6 months resulting in zero power drain on the vehicle battery.

Please see our contact details below.
We would be delighted to hear from you.