



IRIS aggregates best in class wireless technologies into robust and adaptable solutions that can be tailored to any environment. Our products are built around next generation architectures and open telematics platforms, allowing for interconnectivity between multiple content providers, call centres and hardware platforms. We employ innovative, scalable technology and offer a comprehensive portfolio of proprietary connectivity.

Few, if any, telematics companies can match IRIS' range of hardware and software solutions which span highly specialised remote vehicle diagnostics, solar powered trailer tracking and basic tracking, right through to fleet management with a low cost device.

Examples of our products used to deliver tailored solutions include:

IRIS 1002

At the heart of our high capacity data acquisition products the IRIS 1002 is designed for automotive OEMs and other customers who need to acquire and analyse multiple channels of high-speed data from mobile vehicles or remote equipment. It uses the latest digital signal processing techniques and communications technology to provide a flexible and cost effective solution for testing programs that cannot be undertaken with conventional data acquisition equipment. It is a highly scalable solution capable of supporting up to 5000 vehicles simultaneously. Four Channel CANBus / Flexray Data Acquisition Device with Video Capability.

IRIS 1002 CAN-based Data Logger

As a 2-4 CANBus data logging device with support for GSM, 3G, USB, WiFi comms methods, it also has a CF Card that can be removed. Data can be auto downloaded and converted into different file formats such as csv, ncode S3T, DIAdem etc.

Fleet Management

Our Fleet Management Solution (FMS) delivers ROI well beyond the first year of fuel savings. In addition to helping you reduce fuel consumption; operational efficiencies and improving field staff management can all be attained. Our FMS will:

- Help you to sell more by providing competitive advantage
- Reduce overheads by automating timesheet and man-hour reports
- Provide the tools to manage your Mobile Workforce more effectively

Typical functionality includes:

- ↪ Route Management
- ↪ Transport White Board
- ↪ Driver Vehicle Check
- ↪ Vehicle Location
- ↪ Vehicle/Route Alerts
- ↪ Driver Debriefs
- ↪ Cost Control
- ↪ Vehicle Performance
- ↪ Driver Style Profiling
- ↪ Journey Reports
- ↪ Compliance and Best Practice
- ↪ Driver Hours Reports
- ↪ Carbon Report



Autobus

A Sensor to CANBus module which seamlessly converts analogue signals to digital values synchronised to the CANbus data. It is a proprietary data network based on SAE J1939 providing multi-channel inputs for a wide range of transducers and protocol converters. One or more of the IRIS 1002 CANBus interfaces may be configured to use Autobus providing analogue inputs for strain gauges, pressure and temperature transducers as well as protocol converters such as RS232 to CAN and J1708 to J1939. Up to 256 data channels may be supported at data acquisition rates of 1000 Hz.

Comms Hub

Comms Hub is our proprietary server platform and has web-hooks at its heart. Web hooks means a single event trigger could result in multiple communications actions, all in an instant and defined by you.

- ↪ Get highly functional telematics outputs from fragmented hardware deployments with differing technical capabilities
- ↪ Hardware agnostic, meaning you to get consistent, highly adaptable outputs
- ↪ Adheres to an industry standard open architecture
- ↪ Easy integration of Fleet, Asset and Mobile Workforce tracking into other systems

Vehicle & Asset Tracking

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 - an advanced telematics unit designed and built by IRIS.
- ↪ IRIS AT - a highly advanced telematics unit that is optimised for non-powered asset tracking.
- ↪ IRIS TTU - an autonomous trailer tracking unit powered by solar

Stolen Vehicle Tracking

SVT5 - one of the few devices to achieve Thatcham Cat 5 accreditation and is used by some of the leading automotive manufacturers in the world.

SVT - 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.