

Environmental Corporate Compliance

Ensure compliance with environmental legislation and ISO14001 requirements, and promote sustainable development:

- Real time asset monitoring
- Prevent pollution & reduce carbon footprint
- Minimise environmental impact
- Be a good neighbour



Pollution Monitoring

Monitor and control assets and emissions so as to:

- Minimise pollution risks
- Provide effective management
- Meet EA & SEPA guidelines
- Comply with ISO14001

Carbon Footprint

Effective real time management of fuels, waste processes etc., in order to:

- Contribute positively to a carbon management strategy
- Cut tanker & lorry transport movements
- Eliminate unnecessary operator travelling
- Prevent loss of fuel stocks



Asset Management

Remote monitoring of assets and stock to:

- Optimise fuel deliveries
- Improve recycling centres
- Minimise downtime
- Improve health & safety at work

Insurances

Reduce claims and premiums by:

- Monitoring assets
- Early identification of leaks and spills
- Prevent groundwater contamination
- Reduce illegal surface water discharges



Cost Benefits

In combination with environmental issues, remote monitoring can pay for itself:

- Reduced labour, especially at remote sites
- Optimised transport efficiency
- Improved purchasing
- Greater stock control

Sentry Telemetry has some 25,000 wireless telemetry units installed globally and now helps companies manage their corporate environmental responsibilities, ensure compliance with ISO14001 and protect our planet through sustainable development.

Sentry DATAnet™ integrates gauges, meters and sensors by radio, telephone, GSM, GPRS or satellite communicators to provide real time monitoring of assets and emissions.

Corporate Responsibility

Today, environmental management is high on the corporate social responsibility agenda. Sentry Telemetry offers an effective tool to reduce environmental impact and negate the many associated problems that pollution events can cause, such as poor neighbour relations and bad publicity - and the commercial aspects of high clean up costs and increased insurance premiums.

Environmental Regulations

We guide companies through the wealth of environmental legislation and documentation and assist them in meeting their environmental responsibilities for:

- The Environment Act.
- Pollution Prevention and Control Act
- Control of Pollution (Oil storage) Regs
- Clean Air Act
- Climate Change Regulations
- Control of Major Accidents Hazards (COMAH)
- Water Resources Act
- Control of Noise Act

ISO14001

Our telemetry equipment can assist companies manage and control their assets and emissions as required by ISO14001.

Typical Clients & End Users

- LPG, oil, petrol and bio-fuel companies
- Utilities and services
- Petrochemical companies
- Supermarkets & shopping centres
- Marinas, ports & harbours
- Motorway service stations
- Train stations and depots
- The MOD
- Industrial estates & warehouses
- Housing developers

Fuel Tank Monitoring

We monitor fuel tank levels and usage and provide leak detection to comply with PPG3 and PPG27, enabling clients to:

- Optimise deliveries
- Reduce transport charges
- Monitor fuel use
- Minimise pollution risks
- Control stock and reduce prices



Surface water monitoring

Oil separators are installed for nearly all car parks and hard standings and should be fitted with remote monitoring, ensuring compliance to PPG3 & PPG7 and to:

- Prevent oil discharges
- Notify of emptying requirements
- Reduce the environmental impact
- Meet the requirements of ISO14001



Underground storage tanks

PPG27 states that USTs should be monitored to prevent pollution. Our remote telemetry solutions can:-

- Provide instant leak detection
- Minimise pollution to ground water
- Prevent loss of stock
- Avoid high cost of clean up



Environmental monitoring

We provide a range of instruments that combine with our remote telemetry devices to monitor and control:

- Trade effluents
- Emissions – noise, dust etc
- Process plant
- Health & safety



Flood monitoring

Undetected flooding can result in excessive damage to buildings, property and to the environment. We provide the equipment and technology to:

- Provide instant flood warning
- Reduce damage to buildings and contents
- Minimise the risk of chemicals and fuels being washed into water courses
- Reduce insurance premiums



Facts

- Oil pollution counts for about 25% of UK pollution incidents and 2 litres of oil can cover a lake the size of 2 football pitches!
- Fuel tank monitoring significantly reduces tanker movements and contributes a positive benefit for carbon footprint reduction
- The cost of polluted groundwater and soils remediation is already very high and increasing
- Many companies now have negative balance sheets in respect of land ownership, due to contamination issues

Our Services

We combine expertise in telemetry equipment with in-house environmental professionals to help manage change and continually improve environmental management:

- Consultancy
- Surveys
- Supply equipment
- Installation
- Data services
- O&M
- Expert witness

Sentry DATAnet™

Battery-powered ATEX- and CE-approved **SentryGSM2E** devices are complemented by **SentryGSM3D** DIN rail GSM/GPRS modems, alarm units, data loggers and multi-function controllers. These collect inputs and data for transmission to a PC, web server and/or mobile phone, from:

- Fuel gauges
- Flow meters
- Level sensors
- Bund alarms
- Oil separator indicator
- Dust detectors
- Noise monitors
- Rotation & movement sensors

More information is available on our web site:

www.sentrytelemetry.co.uk

or call us on: **+44 (0) 1424 720600**