

Catchment Monitoring:

**Catchment
Monitoring**

Wide Area Real-Time Ofcom Licenced Radio Telemetry Based Catchment Monitoring

UK Wide Ofcom Licenced Radio Links

Portable and Fixed Installations

Protected Radio Spectrum - Line of Sight Not Essential

Transmit Power from 0.01W to 25W

Distances from 100m to 50km

Compatible with Most Sensors and Sondes

Battery or Solar Powered with Self Test Function

Interfaces with River Level Gauges

Ultra Low Power Sleep Strategy

0-2V, 4-20mA, SDI-12, MODBUS, plus Custom Interfaces

Point to Point, Master Slave or Scanning

Optional Voice Channel to Assist Configuration

**GRP Kiosk Housed
Monitoring Stations,
Battery Powered, up to
50km Range**



**Portable PMR Telemetry
with Voice Channel Talkback**



Bollard Housed Sensors

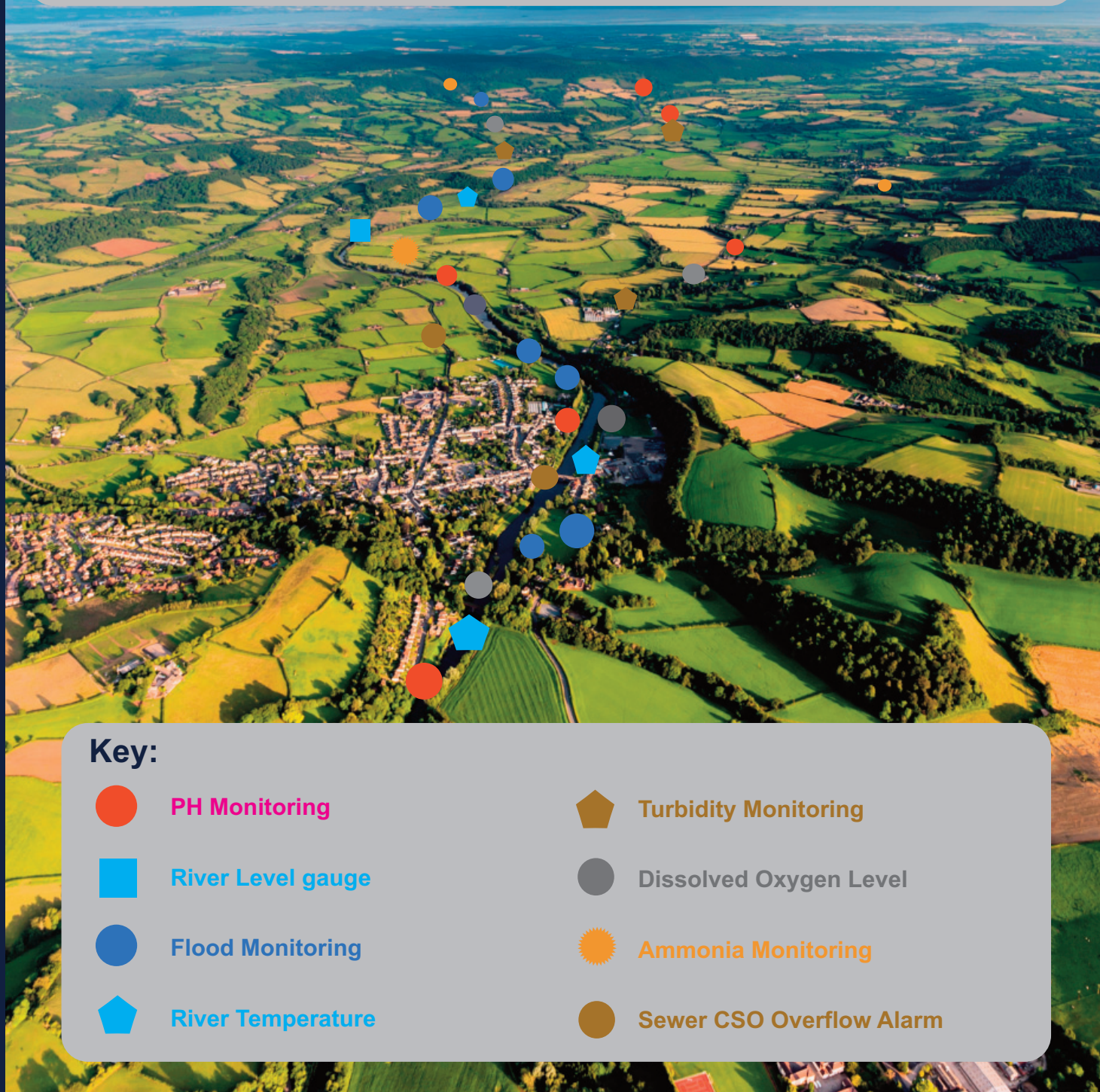


Radio Telemetry Based Catchment Monitoring:

We offer a comprehensive range of Radio Telemetry based Monitoring Systems that can deliver data in real-time over distances of up to 50km anywhere in the UK and under the protection of an Ofcom licence at a fraction of the cost of cellular.

Systems can control transducers and have the ability to operate solely from batteries or with solar assistance. Data delivery is to existing telemetry, SCADA, web hosts or our Sentinel FM Windows PC based logging application.

Sensor interfaces include 0-2V, 4-20mA, digital, SDI-12 bus, Modbus and a host of ASCII based serial protocols.



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