



The Solution

Invisible Systems use local RF Network sensors to collect information from utility meters, sub-meters, ambient and external temperatures, lighting systems and specific high energy usage items of equipment and delivering data to a central aggregation GPRS gateway and back to Invisible Systems, cloud based application – Realtime Online.

Realtime Online enables the user to set thresholds on expected energy usage and produces exception alarms using Email & SMS. The data collated by the solution can be used to isolate specific energy consumption issues such as, out-of-hours usage, faulty equipment and inefficient/outdated equipment such as high energy lighting. The data can also be used to educate energy users to improve their own efficiency when using these resources that are expensive both in monetary terms and environmentally.

Features

- Turn-key end to end energy monitoring solution
- Non-invasive radio based installation
- Ideal for retrofit
- Manufactured, installed and commissioned by Invisible Systems
- Cloud based central application

Benefits

- Proven energy reduction
- Sympathetic and non-invasive where asbestos is present
- Rapid implementation, minimal disruption to the school environment
- Hierarchical application, allows both analysis and control by energy managers and potential educational and PR value through energy management displays

Overview

Invisible Systems is already the Energy and Carbon reduction partner to a number of local authorities and educational establishments.

Our implementations range from simple utility meter monitoring and reporting in Primary Educational Facilities, through to full site monitoring of University Campus's covering utility monitoring, individual building monitoring, individual high energy consumption equipment, boiler monitoring, external and ambient temperature, delivered, aggregated and analysed by our cloud based web application.

The Invisible Systems project team work closely with Energy Managers to reduce energy consumption with our turn-key energy management systems.

Invisible Systems are currently working with a number of local authority Energy Managers and schools under the "Invest to Save Budget" initiative and have proven ROI under the limits of this initiative, in a number of installations.

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