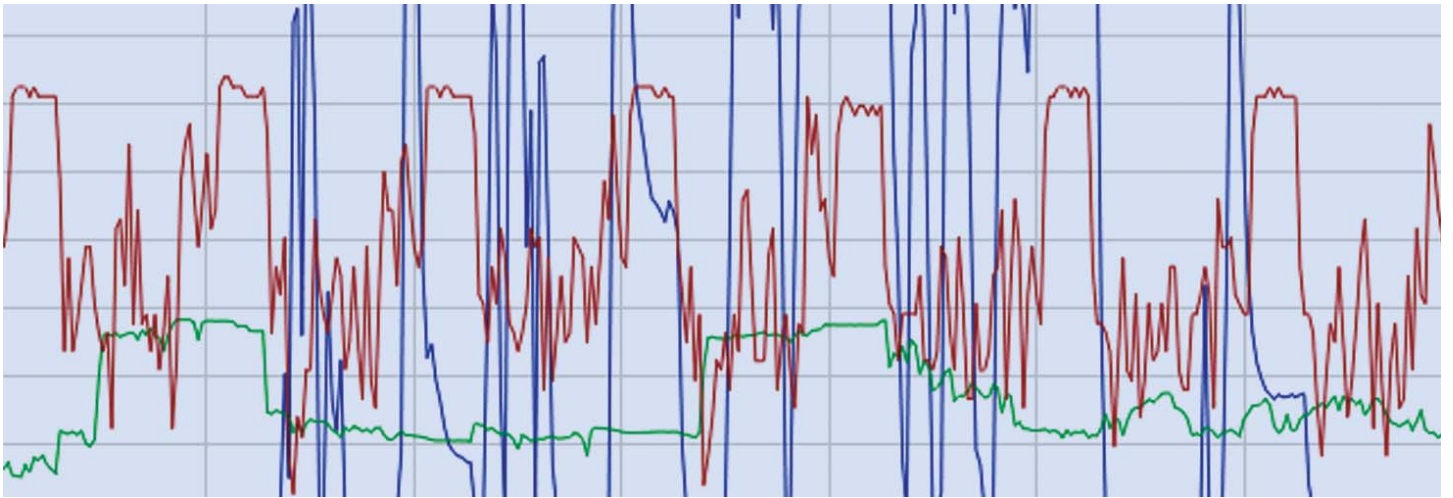


## Automatic Meter Reading



# Data logging proves to be an effective water management tool

Waterscan uses Automatic Meter Reading and Monitoring and Targeting techniques to convert remote meter data into water management information for improving business performance and reducing costs.

The detailed analysis of water usage can be broken down by building, department, tenant, equipment or shift. Automatic meter reading determines usage over time, identifies peaks, compares sites and correlates use with the offending equipment or personnel.

### Monitoring and Targeting

The information gathered from AMR needs to be used effectively if it is to become a successful component of a comprehensive energy Monitoring and Targeting Programme.

Waterscan provides all clients with Waterline a web based reporting system which reports essential information to clients via a bespoke customer branded web site.

- Entire property portfolio benchmarked for water consumption
- Web access to water consumption figures
- Flow rate comparisons and analysis
- Immediate SMS and email alerts when consumption exceeds expectation
- Ability to evaluate the effectiveness on environmental projects

One of the key areas Waterline can highlight is water leaks.

### Water Leaks

Water leaks if undetected cost companies through water consumption charges, material damage and if in a sensitive area loss of business/production.

A moderate leak (1 litre per second) on the mains would cost approximately £13,760 on a quarterly bill. However, the same leak discovered via an SMS alarm on a data logger and fixed within a week, would cost £1,060, a saving due to early leak detection of £12,700.

### Result

The cost of installing and running a data logger is easily recouped and in our experience a payback period of less than 12 months is likely. Installing our data logger is an essential part of a complete water management project and is vital for monitoring excess water usage.

- Reduce water consumption significantly – reducing water charges
- Billing on actual meter readings – reducing water charges
- Improved water management
- Protects sites from water leaks
- Successful Monitoring and Targeting Programme

