



Solutions that keep
Customers Supplied

Inflowmatix Ltd
1 Venture Road
Southampton Science Park
Chilworth
Southampton SO16 7NP
United Kingdom

www.inflowmatix.com

Providing innovative,
resilient and adaptive
solutions to address current
and future water issues

GSM MODEM:
3G/2G operation, SIM
contract, external high
efficiency antenna.
IP68 RATED: Yes
GPS: High accuracy time
synchronisation and position location.
PRESSURE RANGE: 0 - 20 bar.
TOTAL ACCURACY: 0.1% FS.
CERTIFICATION: CE
ENVIRONMENTAL STORAGE: -40°C to +85°C.
OPERATIONAL: -10°C to +50°C, 85% humidity.
BATTERY PACK INTERNAL: 7.2V, 384H Lithium Thionyl Chloride
(non rechargeable)

Case Study

Inflowmatix carried out high frequency pressure monitoring at a Severn Trent Water pumping station which exhibited significant transient and dynamic pressure variation.

Improvement works to the pumps eliminated pressure transients and achieved:

- 70% reduction in burst rate
- £60k/£70k OPEX repair savings per annum
- 3 month payback on £12k/£14k improvement costs

Why InflowSys™?

Low cost, high-resolution hydraulic monitoring solution.

CPIS™ is a revolutionary approach to the analysis of high frequency transient pressure data.

CPIS™ is an answer to the 'data rich, information poor' dilemma faced by utilities.

Scalable options available from starter kits to full system network deployments.

Full device placement guidance to ensure optimal performance.

Payback within 2 years.

Comprehensive training package and customer support.

The solution combines:

InflowSense™

A cost-effective hydraulic monitoring device, enabling continuous, high-resolution (128 Samples/s) and high accuracy (0.1% FS) pressure monitoring and analysis.

Visualising pressure transients in InflowNet™

Search for device locations, see them on the map and inspect high frequency pressure data.

InflowSys™

is a turn-key solution to digitally monitor, manage data and analyse results to provide unprecedented, operational, network and asset performance insights. Moving away from a 'survey and fix' mentality to a ubiquitous monitoring solution, Inflowmatix aim to resolve the water networks need for constant assessment.

We can supply you with a starter kit comprising 15 x devices and licences to get you started on your analytical journey. Please contact: info@inflowmatix.com for more details.

InflowNet™

A secure industrial IoT data management platform and visualisation application.

InflowSolve™

A powerful, data-driven analytics engine that transforms vast amounts of data into profitable actions, providing insights into anomalous hydraulic behaviour and the relationship to pipe condition.

Let InflowSys™ show you insights with transient detection and CPIS™