

Hydrometrix, in partnership with Inflowmatix, offers award winning, next generation water network optimisation and management solutions to sub-Saharan Africa.

As demand for greater network insight, integration and network optimisation increases, so does the need for effective technologies and advanced analytics solutions that provide unique insights into network dynamics. The inflowsys™ analytics platform, combined with high frequency inflowsense™ Edge pressure measurement devices, delivers our solution of choice.

The internationally acclaimed inflowsys™ platform and devices provide solutions that are scalable, secure, reliable and accurate, allowing our clients to benefit from deeper insights and understanding of the dynamic behaviour and performance of their water networks.

Our aim is to help our clients to establish and maintain integrity, reliability and confidence in their water supply resources.



## Key Benefits

- Improve network performance
- Reduce operating costs
- Increase network resilience
- Reduce burst frequency
- Reduce background water loss
- Extend asset life



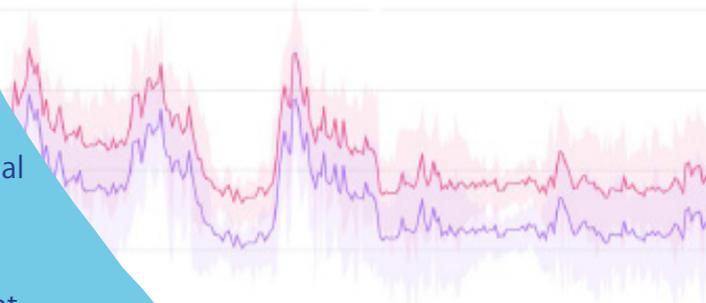
## The inflowsys™ Advantage

- Customer centric, collaborative style
- Ease of deployment & configuration
- 3rd party integration
- Secure cloud hosting, modelling & analytics
- Key strategic partnerships
- Patented technologies in UK, EU, US, China
- On-going IP flow from Imperial College R&D
- Institute of Water award winner, 2020

## Inflowsys™ Edge

is a turn-key water network optimisation solution, designed to digitally monitor, manage and analyse transient pressure data. It provides unprecedented network operational and asset performance insights. Features include:

- Intelligent autonomous edge analytics including CPIS™
- Low cost, high resolution, accurate pressure management.
- Cloud hosted application giving insights via a network narrative.



## Cumulative Pressure Induced Stress (CPIS™)

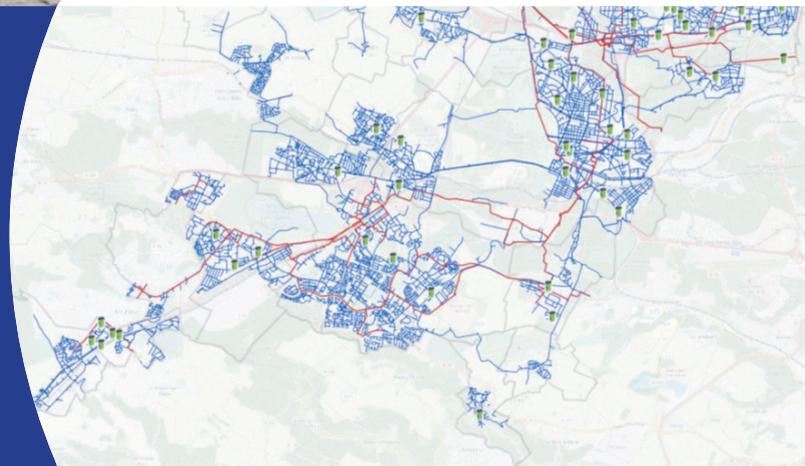
is a key analytical metric that captures the cumulative effect of pressure variability (hidden in conventional 15 minute data sampling) which contributes to accelerated asset deterioration, increased leakage, increased burst rate, and ultimately pipe failure.

Inflowmatix and Imperial College have established a direct correlation between CPIS™ and burst rate. This high frequency pressure data has proven an accurate and invaluable indicator of network stress, allowing for proactive network management and maintenance.



## Network Calming

Inflowsys™ high frequency pressure data acquisition with Edge and CPIS™ analytics creates a platform for eliminating network pressure transients. This, in turn, enhances asset life, mitigates supply interruption, reduces water loss, and promotes network confidence.



## World Wide Deployment

- First system in South Africa - Cape Town, 2020
- World-wide adoption by Suez, 2019
- 9 UK water companies
- North Africa - Egypt, Morocco
- Americas - Brazil, Mexico, United States
- Europe - UK, France, Spain, Italy
- Asia-Pacific - Malaysia, Indonesia, Australia

To find out how inflowsys™ can help you, contact:



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