

Network analytics

Maximum actionable insights from data from your network



A water distribution network is more easily understood geographically. i2O's network analytics solution provides a Google Maps interface, which offers all the functionality of map and satellite views, zoom and pan, streetview, etc.

The platform provides layers of relevant information, obtained from all your i2O and non-i2O network devices, superimposed on the map, immediately putting information and insights into the relevant context. Data can also be displayed as a graph, dashboard or job card.

Our clients benefit from powerful search functionality. In addition to place names, individual devices or groups of devices can be found quickly. The solution works on all connected devices, making insight available in the office, in the field, or even at home.

PRV CONDITION MONITORING

The PRV condition monitoring feature allows you to maintain PRVs much more cost-effectively based on their condition, rather than time, risk or failure. Identified causes of failure include:

- PRVs requiring maintenance
- Bypassed PRVs
- PRVs unable to fully close or open
- PRVs incorrectly set up

OVERVIEW

NETWORK ANALYTICS BRINGS TOGETHER NETWORK-RELEVANT INFORMATION, EXTRACTS INSIGHT FROM IT, AND MAKES IT AVAILABLE IN WAYS THAT MAKE IT ACTIONABLE

SMART ALARMS

i2O is already assisting clients to automate the setting of threshold alarms. Our clients are moving quickly to network-wide monitoring. It is no longer practical to manually set individual thresholds for hundreds or thousands of loggers, and maintain these thresholds to ensure their relevance to changing network conditions. Network analytics software enables alarms to be viewed in their geographical context.

EVENT DETECTION

By the time a customer calls, it's too late. i2O's network analytics solution uses historical data to learn normal patterns and flags abnormal patterns so they can be investigated and resolved before they escalate into problems that affect customers.

TRANSIENT DETECTION

Transients do damage to networks. Clients know they have them, but often do not know where they occur. i2O loggers collect maximum, minimum and standard deviation pressure values in each measurement interval. iNet automates and prioritises the detection of transients using this data.

ESTATE MANAGEMENT

Monitoring devices are proliferating on the network. But are they always returning data? Our network analytics solution identifies devices and monitors and

MORE INFO

Learn more about our intelligent network solutions! Visit WWW.I2OWATER.COM or contact us today at INFO@I2OWATER.COM

Contact us

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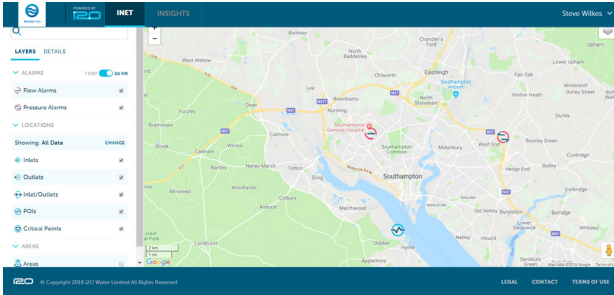
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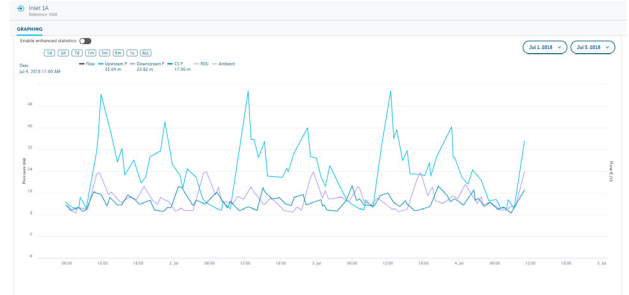
ANALYTICAL VIEWS

i2O's network monitoring solution provides a range of analytical views, in order to offer the most detail in the most useful format. Views include:

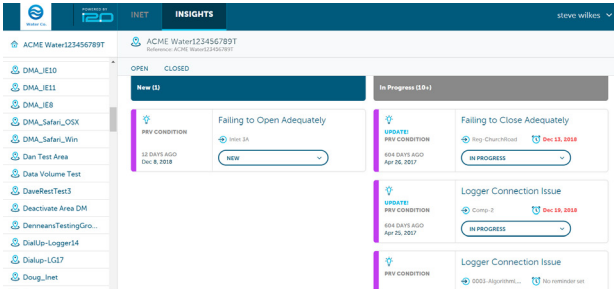
MAP



GRAPH



WORKCARDS



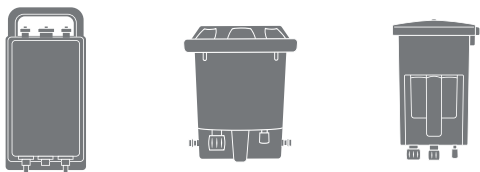
DASHBOARD



HARDWARE



i2O loggers can be used to monitor pressure and flow at any point of interest in the network. Our data logging solutions can also ingest data from your existing loggers and provide a unified view of your network.



WHY i2O?

i2O's solutions currently help more than 100 water companies in 45 countries. We monitor and control water supply to more than 50 million people around the world, helping to reduce leakage by up to 47% and burst frequency by up to 65%.

Clients choose i2O, continue to do so, and extend their deployments of our solutions for 6 main reasons:

- Effectiveness
- Support
- Innovation
- Integration
- Security
- Lifetime cost

i2O is in restless pursuit of new ways to make networks more intelligent, optimising the delivery of clean water across the world.