i2O™
Intelligent water networks

Intelligent water networks
Enabling the distribution of clean water around the world

GLOBALLY, UTILITIES FACE THE SAME CHALLENGES

GROWING, URBANISING POPULATION

World population is increasing and urbanising at an unprecedented rate placing huge demands on water supply and distribution in ever more concentrated areas.

MORE EXTREME WEATHER EVENTS

As global temperatures rise, the availability of fresh water is at increasing risk, making it a more precious resource than ever before.

AGEING INFRASTRUCTURE

Water infrastructure continues to be under-invested and leakage and failure rates are likely to increase.

EVER-INCREASING DEMANDS

Everyone expects more from the water industry but few seem willing to pay more in terms of increases in customer bills or government funding.

OUR SOLUTIONS

i2O provides a range of market-leading intelligent water network solutions including Advanced Pressure Management, Network Analytics, Incident Management, and Data Logging, in addition to a wide range of hardware. Our hardware and solutions are designed for global use in a diverse range of adverse environmental conditions. i2O's devices already function in one of the highest altitude cities in the world, La Paz in Bolivia, and the world's southernmost city of Ushaia in Tierra del Fuego, Argentina. They operate as far north as Norway, and as far east as Horowhenua in New Zealand. Our solutions are not only exposed to extremes of cold, but in the Saudi Arabian desert to extremes of heat that often exceed 60°C. In Malaysia they cope with high temperatures and baseline humidity of 85%.

In addition to the hardware's ability to endure adverse environments, i2O's resilient software service delivers world-class uptime of over 99.9%.

Our clients gain full network visibility, remote and automatic control, and real-time data analysis, in addition to the ability to monitor data points, asset condition, and potential damage to infrastructure. Automated or manually set threshold alarms alert you when a specific data point exceeds the normal range so you can before customers are impacted.

i2O's solutions enable optimal control of entire networks 24/7/365. i2O's algorithms learn patterns over time and use this data to adjust pressure. This increases energy efficiency throughout the entire network, saving on energy costs, and reducing emissions

BUSINESS BENEFITS

REDUCED LEAKAGE AND BURST FREQUENCY

IMPROVED CUSTOMER SERVICE

INCREASED INFRASTRUCTURE LIFETIME

REDUCED ENERGY CONSUMPTION

WHY i2O?

We currently support more than 100 water utilities in over 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 our solutions for 6 main reasons:

1. EFFICACY

Each solution is excellent at what it does. Advanced pressure management delivers the greatest reduction in Non Revenue Water. Loggers deliver the most reliable data. Network analytics delivers the most actionable data and most accurate insights. Incident management gives the greatest reduction in customer minutes lost.

2. SUPPORT

We have a dedicated Technical Support team of experts with a follow-the-sun model who train and help clients to get the most out of our solutions with the benefit of an extensive online help centre of documents and videos.

3. INNOVATION

We are restless in our pursuit of new ways to make networks more intelligent. We invest heavily in R&D and, thanks to software as a service and field-upgradeable firmware, clients benefit from product improvements without the need to do any patching, upgrades, or updates, throughout the solutions' lifetime.

MORE INFORMATION

To learn more about how your network will benefit from i2O's intelligent network solutions, visit **WWW.i2OWATER.COM**

4. INTEGRATION

i2O understands that clients increasingly need to bring information from disparate sources together. We can import data into our platform and export data from it, as well as integrating more deeply with other systems thanks to our client-facing web service API.

5. SECURITY

We have long recognised the importance of information security and the role it plays in enabling control of critical national infrastructure. i2O has been ISO27001 accredited for several years and has an Employee Security Screening programme.

6. LIFETIME COST

i2O recognises that purchase price is only one component of a client's costs. We therefore continuously seek to minimise the cost of owning and maintaining i2O solutions so that what we consistently offer the lowest lifetime cost in the market.

FLEXIBLE WAYS TO BUY

i2O ENTERPRISE

An advanced, light-touch solution with enhanced security and flexibility, delivering data to in-house analysis systems, rather than i2O's cloud. This offers enhanced security by ensuring data never leaves the originating server. Installed directly to your servers, and can be integrated with your active directory, providing additional benefits including single sign-on.

SaaS

SaaS provides the fastest way to affordably deliver guaranteed levels of service, with no significant up-front costs. It also enables you to rapidly deploy and scale solutions, and system updates, meaning you are always using the latest technology. Moreover, enhanced security measures are enforced both at data centres, and within the software.

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