

## Delivering Data Management and Analytics Solutions for Utilities

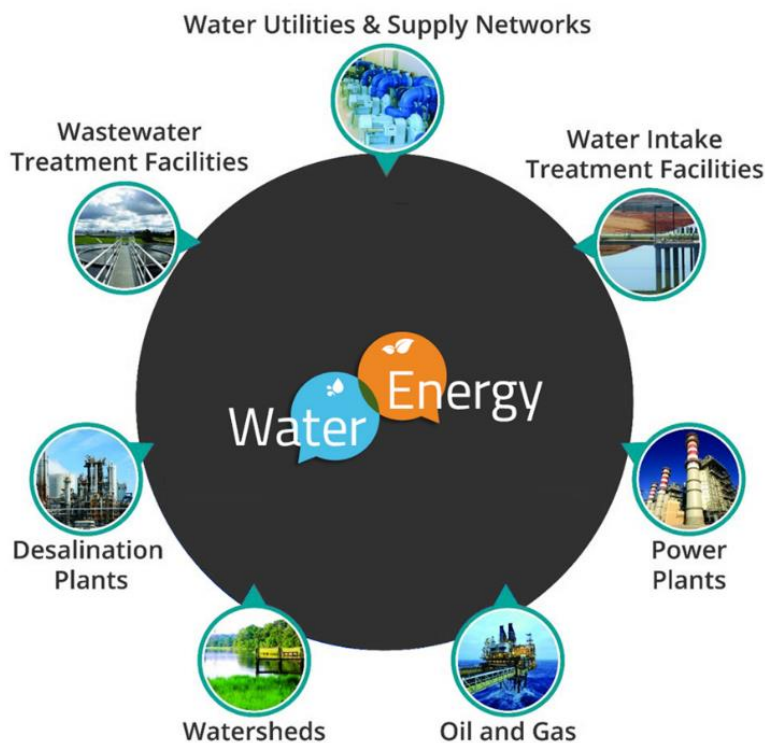
IOSight is a leading provider of data management and analytics solutions, specializing in the Utilities sector. IOSight provides proven industry-specific solutions for water and energy utilities and delivers a variety of benefits including: water quality monitoring, cost reduction, productivity improvement and regulatory compliance.

With over **100 installations** and in the water and energy arenas worldwide, IOSight provides robust, reliable, and flexible solutions enabling practical data-driven management. Plant managers and operators can get **actionable, accurate, comprehensive, real-time insights** into their site performance, as well as **advanced analytics** solutions such as: anomaly detection, early fault prediction, and optimization of operations and resources.

IOSight's core iGreen system collects, safely, systematically, and reliably, large amounts of data via a variety of interfaces. The collected data is cleaned, validated, stored in a modeled SQL database, processed, analyzed, restored, and presented in the form of meaningful significant outputs, including reports, online dashboards and advanced algorithm-based decision support tools.

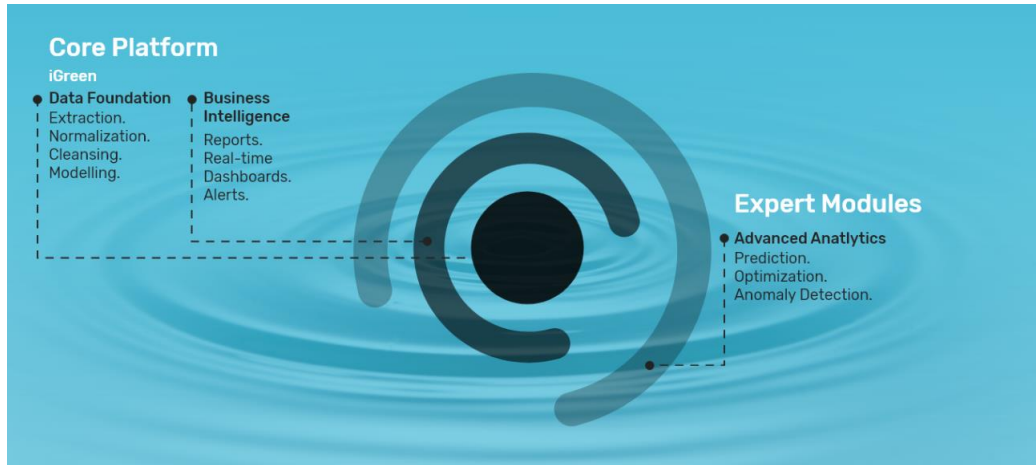
### Our Customer Segments

Our customers include all desalination plants and national water companies and authorities in Israel, and leading organizations in the water and energy sectors in the US, China and Europe.



## Solution Suite Overview

IOSight offers an end-to-end data management and analytics solution – from data foundation through business intelligence outputs to advanced analytics and decision support algorithms.



**iGreen** – A comprehensive data management platform for the data-driven utility:

- Multiple interfaces to all relevant data sources
- Cleansing, modeling and storing significant amounts of data
- Enabling diverse presentations of both straight-forward and processed data (reporting engine, online dashboards, GIS display)
- Advanced features, including algorithm engine, rules driven event-management

**iShed** – Water quality monitoring and water security in rivers and watersheds

- Integrated water quality index; Eliminates 95% of false alarms
- Predicts time of arrival to any point downstream, combined with GIS view

**iWT/iWWT** – Decision support systems for water and wastewater treatment plants.

- Chemical dosing optimization
- Managing large energy consumers (e.g. pumps, blowers) and reducing energy consumption

**iDetect** – Early fault detection engine

- Time series analysis based algorithm
- Detects machine failure, quality exceptions, flows and pressures anomalies and more

**iOptiNet** – Water Supply System Optimization

- Real-time network operations optimization
- Water resources and delivery optimization; Optimized booster station control
- Optimization of energy costs

**iNET** – Non-Revenue Water in DMAs

- Online water balances based on minimum night flow
- Calculates water-loss capacity in real-time, and supports managerial water-loss decisions

### Contact Us:

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