

IOSight
Data ► Analysis ► Insightful decisions

iGreen 2014



Data Management and Reporting

Transforming data into knowledge

IOSight
Data ► Analysis ► Insightful decisions



Network Management and Control

iGreen 2030

Transforming data into Action

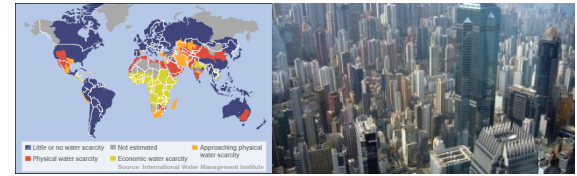
IOSight
Data ► Analysis ► Insightful decisions



At a Glance

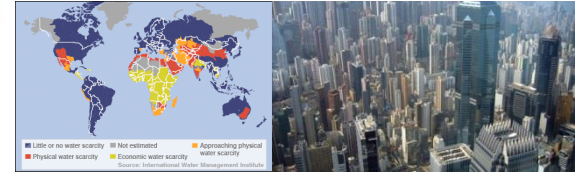
- **IOSight is a solution provider of cost effective BI / Data Management & Reporting system for water & energy infrastructure facilities, reducing costs, improving efficiency, increasing productivity, saving energy and supplying regulatory compliance.**
- **Active in the Water and Energy sectors since end of 2007, the company has been considered a leading provider of Israeli desalination, water utilities, flood control, power stations and oil and gas infrastructure sites.**
- **IOSight has performed more than 60 successful installations including some of the largest desalination, water utilities and wastewater treatment plants in Israel.**
- **IOSight iGreen technology is directly relevant to the water and energy industry.**

The Environment



- ***In today's complex world **Water and Energy** plants are inevitably considered **National Critical Assets**.***
- ***Worldwide forecasts predict significant and **rapid growth in water, and energy demand**.***
- ***The rapid growth in number and size of **MEGA-Cities**, world climate change and depleted natural resources are forcing the growing use of **sophisticated infrastructures** .***

The Environment



- **“Efficient facility management”** becomes increasingly complex, as regulator / public pressure and energy / raw material / labor costs rise.
- **The growing cost of energy, raw materials and chemicals continuously increases O&M cost forcing demand for better efficiency.**
- **Rapid increasing demand in energy and overloaded distribution network is forcing the use of large number of medium / small distributed and efficient power generation plants.**

The Need 2014



- **Uncomplicated, easy-to-use BI/ Data Management / Reporting & Optimization tools for all operational and management levels.**
- **Smart analytics**
- **Receive an accurate ,comprehensive, real time picture of the site performance.**

The Need 2030



- **Automatic / Smart - Total Network Control Reporting & Optimization tools for all operational and management levels.**
- **“Artificial Intelligence” Algorithms.**
- **Optimal Network Management & Control.**
- **Receive an accurate ,comprehensive, real time picture of the site performance.**

IOSight Smart Data Management Installations Along the Water Cycle

★ = IOSight Operational Installations

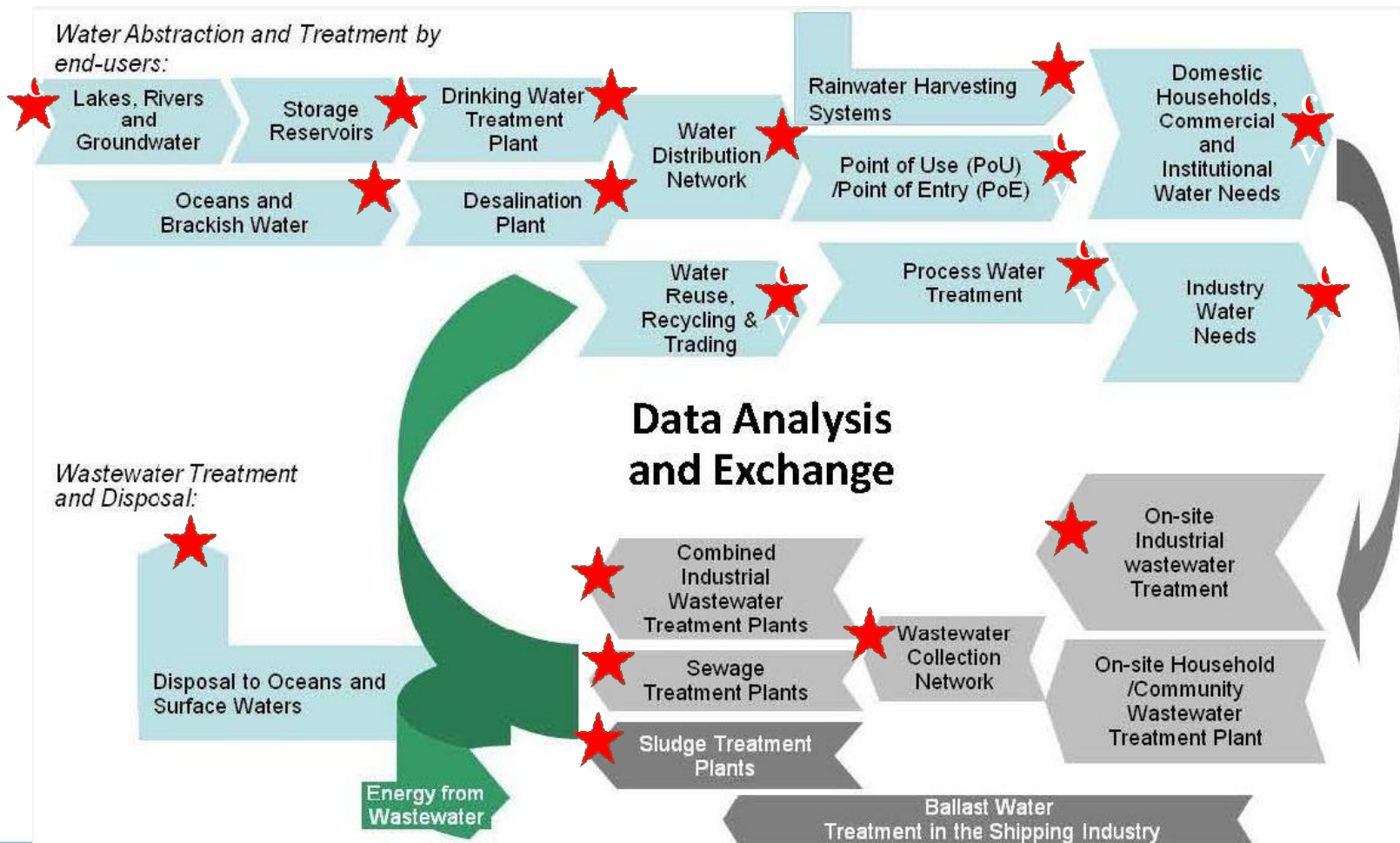
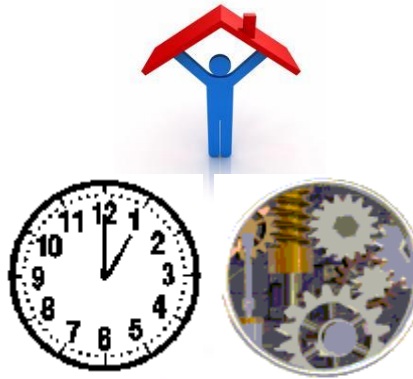
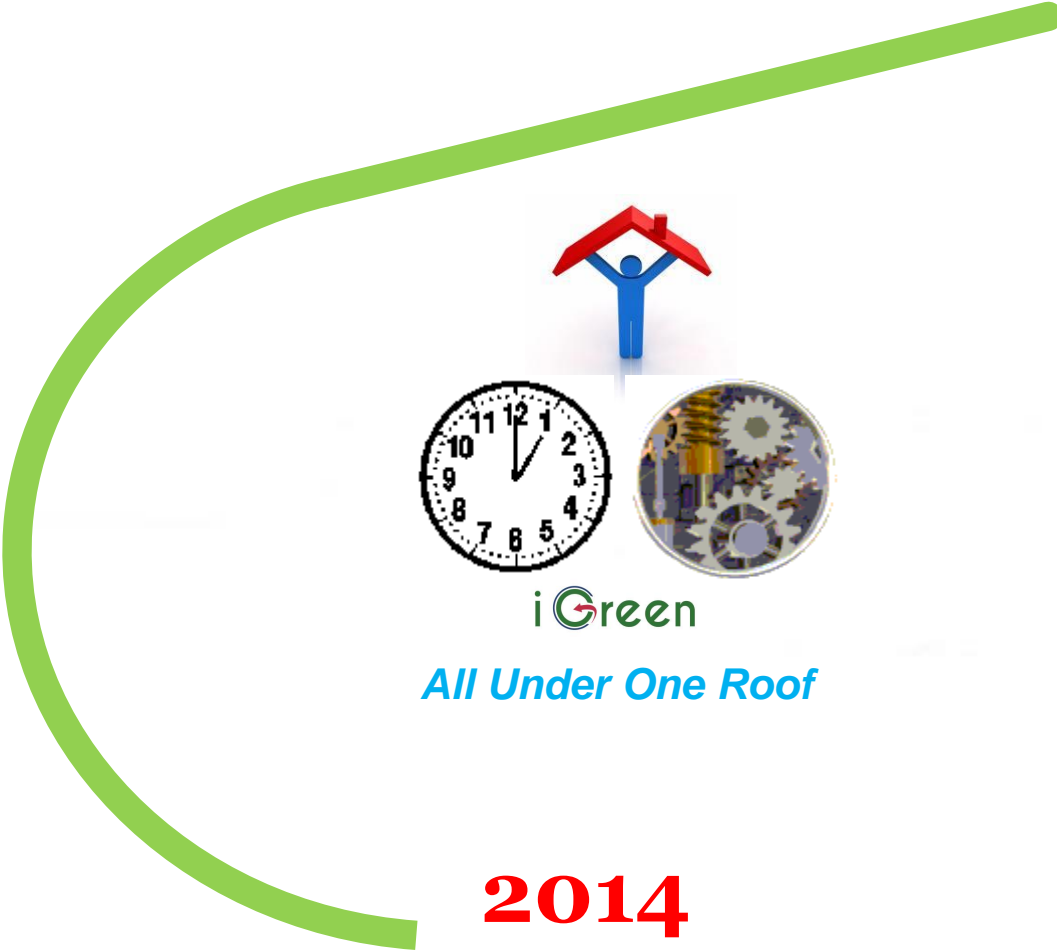


Diagram Source : Frost & Sullivan

2030
TNC
Total
Network
Control.

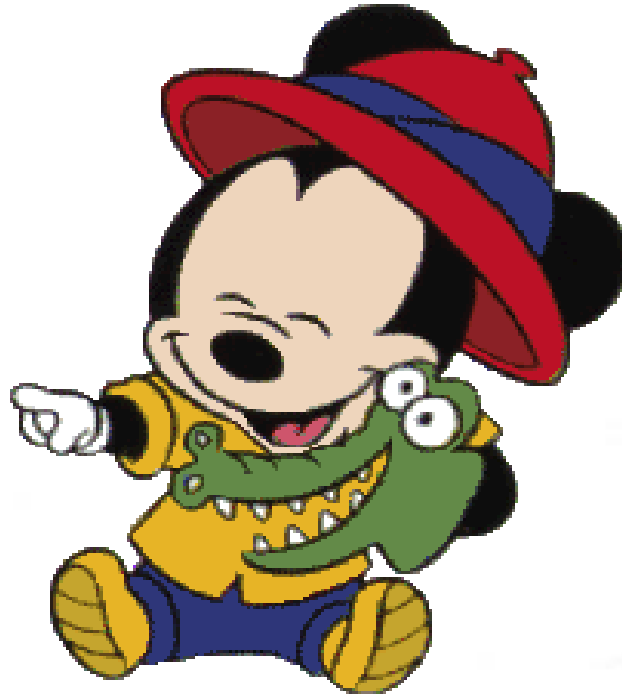
2016
DSS
Decision
Support
System



iGreen

All Under One Roof

2014
Data Management & Reporting



Thank You