

Water Sustainability: Meeting the demand?



Water is a basic requirement to sustain life and less than 1% of the earth's fresh water (0.007% of all water on earth) is available for direct consumption. As the demand for drinking water, wastewater treatment, irrigation and industrial water increases, countries are becoming more aware of the need for better and sustainable water management.

Each continent is affected by drought or water shortages and this scarcity of water affects the lives of hundreds of millions of people daily. For example, even North America, where water is abundant compared to other parts of the world is coping with water shortages along the Colorado River. In Australia,

"We are rewarded when we deliver superior value. This means providing a platform on which our customers can continuously improve their business performance."

Dr. J. Patrick Kennedy,
CEO and Founder

most of the country is enduring a five year drought and the drought is compelling the states and national government to focus on managing the water shortage on "scale". Integrated water management is key to achieving water sustainability.

So with these challenges, how can the water

industry save / make money, provide safe drinking water, meet stringent environmental discharge regulations and achieve sustainability? The OSIsoft® PI System®.

Overview

OSIsoft, with its PI System platform has extensive water and wastewater industry experience and knowledge. The PI System is implemented in water and wastewater utilities globally and serves as the core solution to improving water quality and service, meeting environmental compliance, reducing costs and achieving sustainability. Our water industry customers in over 17 countries rely on OSIsoft and the PI System's capabilities to enhance and to manage the quality of life for millions of people everyday.

Whether the application is for wastewater treatment to drinking water distribution to desalination, the PI System is effective in solving business issues for operators to executive managers by providing the right information to the right people in real-time.

PI System Benefits

Our customers around the world including the Water Corporation, Metro Vancouver, Massachusetts Water Resources Authority, and Vitens, to name a few, leverage the PI System to integrate their operations and disparate systems, providing enterprise visibility in support of real-time decision making at all levels of the organization. Specifically, customers use the PI System to manage assets and increase their lifecycle, defer millions of dollars in capital expenditures, streamline billing systems, reduce water leakage, optimize operations, reduce energy and chemical consumption, enable capacity planning, meet and monitor environmental compliance, ensure public safety, and achieve corporate sustainability in a secure and auditable manner.

The PI System infrastructure in the Water Industry enables:

- Sustainability: Social, Economic, and Environmental
- Operations Optimization
- Automatic Energy & Water Loss Management
- Real-time Decision Making

About OSIsoft

OSIsoft® (www.osisoft.com) delivers the PI System, the industry standard in enterprise historians, as the core of its real-time infrastructure platform.

For more information and links to water industry case studies, please visit:

<http://www.osisoft.com/value/industry/PowerUtilities/>



Contact:

Gary Wong, OSIsoft Water Industry Exec.

Work: +1 (604) 255-3337

Cell: +1 (604) 760-8487

gwong@osisoft.com