



WATER LOSS MANAGEMENT TRAINING

CHINA, OCT 2017

The growing urban centres across China are presenting a growing challenge to the water networks in these regions. The internal migration from the rural farmlands to the Megacities has put a strain on the ability to provide consistent quality drinking water.

The networks in the city centres are old and the cost of refurbishing them, both in funds and in disruption to the city life is one that everyone wants to avoid.

The main problem is that pushing more water in the pipe systems is not helpful. the more they push the more water is lost in leaks.

Using mechanical valves to regulate the water flow and pressure has proved ineffective. The constant changes in the flow are hard to manage. The lack of real-time data does not allow for a real-time response or long-term planning.

The solution as tested and proved around the world is with hydraulically controlled valves. These valves constantly sense the pressure and flow changes and respond in real-time. Using electronically controlled hydraulic control valves allows for a 2-way communication with the valve and the ability to receive real-time data and change the set points for the valves from a distant location.

Combining the pressure and flow data from the valves with the data from water meters, provides the water authorities with real-time ability to monitor water leaks, see usage patterns and manage the networks in a very efficient way.

Dorot has partnered with Suntront in providing an end to end solution for DMA management and water loss reduction.

Dorot and Suntront presented the solution at the Henan rural water management convention in Pingdingshan on October 27th at the Yunhai Jinyuan hotel.

About Dorot and Suntront.

Suntront, (suntront.com) founded in 2000, is the market leader in China for smart water meters. They have created the best in class water meters and best in class SCADA system for DMA management. Suntront is public company traded on the Shenzhen stock exchange.

Dorot Management Control Valves, (dorot.com) is a world leader in the development and supply of sustainable technologies and products for control and optimization of water systems. Established in 1946 and as a part of MATHolding group since 2014, Dorot has a long tradition of providing innovative products and solutions for various applications in water and other fluid systems.

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