

## Trial Water Quality Sensor - Intellisonde

Intellitect Water are pioneers of direct insertion in-pipe sensor technologies combining water quality and hydraulic parameters in a single device, offering utilities unprecedented insight into water changes and events and how they are related to incidents as they travel through the distribution network.

As part of Intellitect's long term strategy it has now developed an end-to-end solution of communications, analytics, visualisation completing its sensors to be able to get the right data to the right operational teams in real time to get ahead of incidents before they reach the consumer.

They have been working with utilities across Europe to develop a smart network monitoring system to change the way distribution networks are managed and bringing digital transformation and intelligence to support better decision making. Berlin Water, who have utilised the Intellisonde probes on one of their test projects to measure the quality of their water says, this technology was really very exciting.

Speaking about the Berlin project, Intellitect Chief Executive, Steve Willis says: "The partnership and collaboration with Berlin Water has been very rewarding and we have made new friends that we look forward to supporting as they implement their water network management system. We have demonstrated the robustness, reliability and accuracy of our sensors in a long-term test with other sensors. The ability to have water quality sensors on-line all day, every day of the year with no calibration or maintenance means for the first time water companies can consider large scale network deployment a possibility."

"The Intellisonde probes were placed next to existing sensors and monitored the same data over a number of months. The reliability of the data from the Intellisonde was very impressive, it managed to provide accurate data with no calibration or maintenance required within the project unlike the existing sensors currently in use."

Fereshte Sedekizade, Senior Engineer, responsible for water quality at Berlin Water.



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