

Water Conservation Efforts

Client

A leading kitchen and bathroom manufacturer.

Business challenge

The client was looking to reinvent their toilets in collaboration with a leading university, all with the aim of increasing their water conservation properties. They faced several challenges including:

- A technology partner was required for adding the electromechanical system
- With the assets being deployed in remote locations, they required a connected solution
- The project had to be piloted in span of three months

Approach

In order to handle remote monitoring, ThoughtFocus proposed using its IoT platform 'Beyond Measurements'. Through this ThoughtFocus has monitored more than ten million measurements in the water, energy, and food industries:

- Suggested a distributed control platform for the toilets, used to control remote location operations
- Developed a control philosophy allowing for streamlined operations
- Automated test equipment was developed to allow system testing without actual installation

Results

With its impressive social impact, the solution and project achieved high visibility within consumer organizations, deploying nations, and investment groups:

- Within two weeks of project kick-off, the team developed a control philosophy which was critical for staying on track given the time constraints, allowing for project to be completed within budget and on schedule
- Awarded additional assignment - assembling the treatment plant
- Positioned as a partner for building this technology's commercial roll-out

Business benefits

- Live 24/7 remote monitoring and statistical assessment
- Ease of business through remote debugging and change in configuration which is as easy as sending an SMS to units

ThoughtFocus is a US based, privately held consulting, software engineering and business process management firm with offices in the US, India and the Philippines. We help clients in avionics, education, financial and insurance services, manufacturing, payment and loyalty solutions industries with their key business and technology challenges.

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