



Real Time Data Intelligence

Everything you need to develop and generate value from your data assets



GTSgroup

Pump Performance as a Service

Monitor and manage asset performance in **real time**

THE CHALLENGE

Many water utilities struggle with the balance of operating their assets in ways which maximise efficiency and longevity, while minimising operational costs at the same time. Given that a significant amount of capital can be tied up in pump assets, it's imperative for the performance of those pumps to be monitored from a variety of perspectives. Without an overarching strategy, asset managers run the risk of running their pumps into the ground, or servicing or replacing them according to a fixed schedule, earlier than they might otherwise need to be seen to.

THE gHOST SOLUTION AS A SERVICE (SAAS)

To help water utilities meet challenges like this, GTS has developed our "Solution as a Service" (SaaS) applications. These are a set of "out of the box" solutions which are highly configurable and managed securely in the gHost® platform.

One of these applications is the Pump Performance app. This application provides several configurable analyses to quantify pump efficiency, and can be used to compare current performance with the manufacturer's rated pump curve, in real time.

Raw operational data, combined with the results from these analytics, can be presented to users in a single dashboard; current performance, performance at different speeds, and historical performance can all be observed in a single view.

THE BENEFITS

The Pump Performance application can be used to **gain insights** into the performance of a single asset, or quickly rolled out to monitor an entire organisational fleet of pumps. A hosted, real-time application creates **efficiency in user access, governance, maintainability and reportability** when compared to manual processes, such as spreadsheet analysis.

Most importantly, by making the raw and calculated data readily available to stakeholders across an organisation and in real-time, tactical and strategic decisions can be made in an informed way - delivering **real savings by reducing maintenance costs** and **optimising capital expenditure**.