

Dexdyne's Remote Pump Monitoring Solution – Application Note

The Problem

Un-manned pumping stations - without an adequate monitoring system in place you'll be open to a number of potential problems which you have no data about. More importantly, how do you detect over time if there is a creeping fault developing due to aging or other factors? Man hour costs for site visits are expensive, time consuming and financially inefficient.

The Solution

Our web-based solution can help you optimise operational costs by reducing call-outs and downtime while improving efficiency through monitoring energy consumption trends and enabling pre-emptive action to be taken in response to changes in pump performance. You will have all the data automatically delivered to any device in real-time. Gaining control and visibility alongside always knowing how your un-manned pumping stations are performing has many benefits.

Our solution also helps you keep track of other key operational details including volumes pumped, hours run, energy consumed, maintenance schedules etc.

Putting you firmly in control as if you were on-site in person!

Key Features

- Real-time status information displayed to any web enabled device.
- SMS alerts automatically sent to engineer(s) when pump needs attention or servicing.
- Fully interactive graphing capability - displays long term trends/analytics and reports.
- Pump management, remote restarts and automatic reporting.
- Works with existing pump sets irrespective of manufacturer. Can be easily retro-fitted as controller agnostic, with many ways to connect.

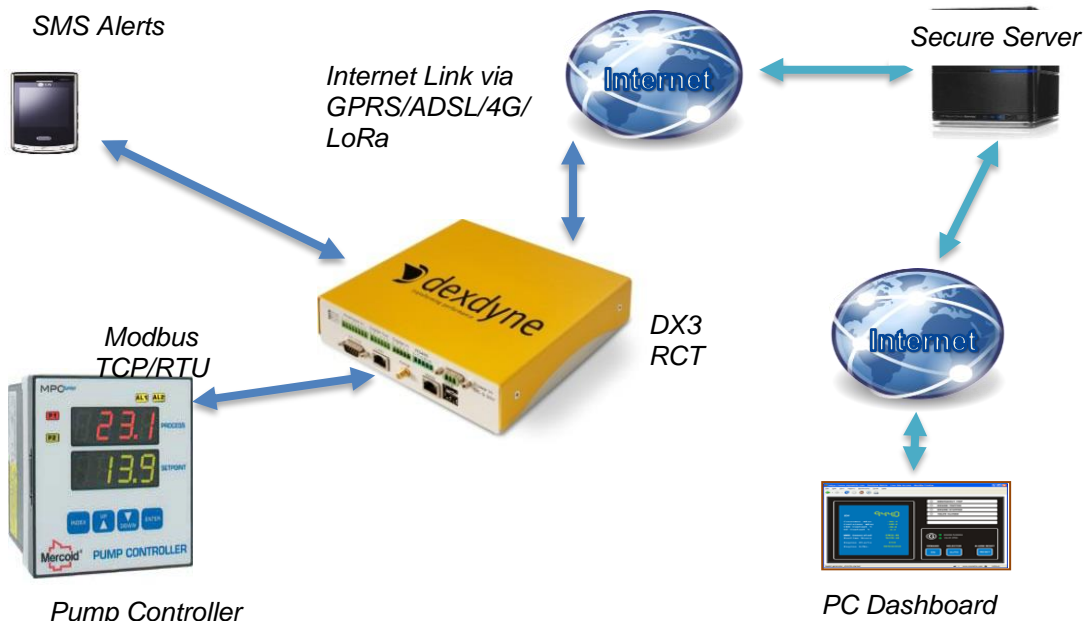
Application

Whether you manage a single pump or have multiple outstations scattered around the world, Dexdyne's remote monitoring solution informs you immediately of all activity on-site via the easy to use Dashboard and automatically generates SMS alerts when required. Custom Dashboard status pages have been designed and developed to show you at a glance the status indications and key performance indicators (KPI) for all active sites. **Site management and control is at your fingertips via a Smartphone, iPad, PC.**

site status

overall	site name	last status update		pump
✓	Derby	Today	@ 11:58	RUNNING
⚠	Eastington	Today	@ 11:39	STOPPED

Site Status screen



System Configuration

About Dexdyne Ltd

We are a UK based company with over 25 years' experience in web-based monitoring and remote control. Dexdyne provides a service which captures critical raw data from **strategic sensors and equipment** and allows customers to analyse their data using our easy to use dashboard interface. Customers use the insight gained to increase efficiency and reduce costs.

We provide the hardware, software, Cloud services and full customer support. Try our LIVE demonstration Username: demoUser Password: visitor

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Demo video: <https://www.youtube.com/watch?v=LzEYMam3948&feature=youtu.be>

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