

Pegasus pressure controller helps Severn Trent Water reduce leakage



Intelligent pressure control: reduce frequency of pipe bursts

Modulated control: flexibility to modulate pressure according to demand

Secondary logging channel: enables one second logging

HWM has helped Severn Trent Water make significant water savings through a pressure management programme. Since April 2015, Severn Trent has installed 200 of our Pegasus+ pressure controllers, saving 5Ml/d in the process.

Pegasus+ is a cost-effective, rapidly deployed, remotely-managed pressure control system from HWM with the ability to set target pressure by time, flow or a combination of both.

Supporting the flexibility to modulate pressure according to demand throughout the day, Pegasus+ incorporates integral two-way GPRS communications, meaning changes can be made remotely.

“Pegasus+ has proven to be excellent value for money and it has given us a much calmer network”

Graham Hollier, Network Pressure Adviser, Severn Trent

Severn Trent's network is already supported by thousands of Critical Point and flow loggers from HWM. By linking these existing loggers with Pegasus+, Severn Trent were able to operate the pressure controller in a learning mode.

The data collected is automatically uploaded to the online portal, providing a more accurate, real-time view of the network.

“It is a really good, simple system” explains Graham, “that allows us to see the data remotely, make adjustments and have good visibility as to where all the pressure controllers are in the system, which the guys here like using and of which we have made considerable use”.

Since Pegasus+ allows for detailed, multi-point PRV control without a flow logger, an additional benefit to Severn Trent was the cost savings made by removing data loggers that became obsolete as they were located close to the newly installed Pegasus units.



MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL