



Severn Trent reduces leakage with Pegasus+ Pressure Controller

delivering 5Ml/d of water savings in the process



About Pegasus+

Pegasus+ is a sophisticated and highly versatile solution for pressure control with integral two-way mobile communications.

Pegasus+ has the capability to set target pressure by time, flow or by a combination with different table settings per day of the week.

With the addition of a critical point data logger, our PressView web based software can automatically analyse and calculate network conditions to maintain a stable pressure at the critical point to fully optimise a PRV zone.

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 and 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.

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 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 Hollier, Network Pressure Adviser at Severn Trent, "allowing 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.



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