

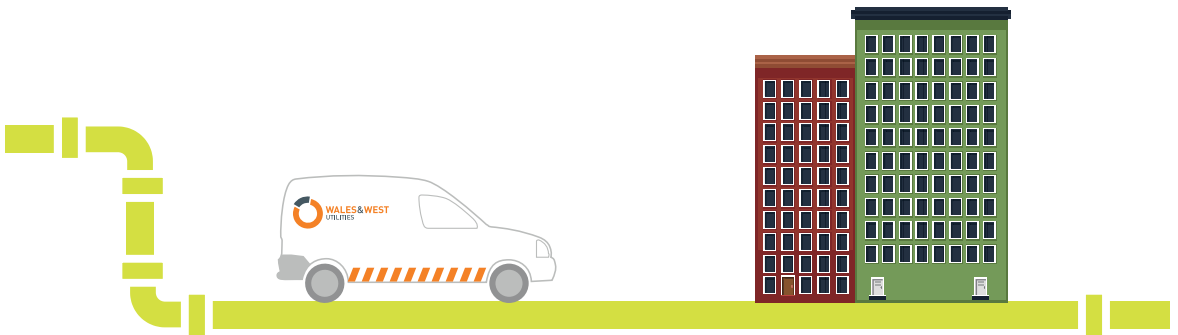


## Smarter Network Control

Historically gas networks have operated pressure reduction installations at either a winter or summer setting. More recently, gas networks have introduced an 'open loop' system to control supply pressures to minimise any unnecessary increases in network pressure.

This system is resource intensive, with colleagues across the network having to manually adjust settings on pressure reduction installations on a daily basis. Additionally, the cost of replacement parts is rising.

We have led a project to research if an alternative is available. This alternative had to be able to equal or improve on the capability of the 'open loop' system and currently installed equipment as well as being straightforward to retrofit onto our equipment. The first phase of testing took place in a controlled environment followed by testing on part of the live network.



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AND PIPELINE SERVICE**



## Key Benefits

- Identification of an alternative product that is available and suitable for use to manage pressure reduction installations and reduce colleague time spent on site while delivering performance improvements.
- Possibility of the product forming the basis for remote monitoring technologies for pressure reduction installations.

## Next Steps

- We are actively seeking an opportunity to evaluate if a network change is a whole life cost option, with a sight to install and trial in a network of approximately five installations.

