

ADVANCED PRESSURE MANAGEMENT

– the i20 Solution

AREA OF EXPERTISE

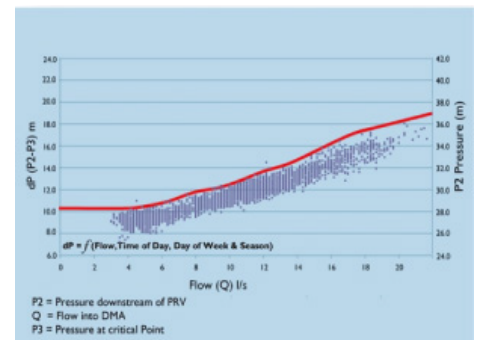
JOAT is the sole distributor of the i20 Solution for sub-Saharan Africa and using the i20 solution we are currently controlling the pressures in some of South Africa's major CBDs.

Advanced pressure management has been rapidly evolving for the last two decades due to the increased need from the market place. JOAT has been at the forefront of implementing, designing and testing numerous manufacturers' advanced pressure management systems during this time.

There are three types of pressure control: fixed outlet, time-based modulation and flow-based modulation. The i20 system can be used to do all three types of modulation using one device but goes further and has possibly reached the "final frontier" of advanced pressure management...

The i20 solution is an integrated system that uses GSM network and artificial intelligence to 'self-learn' water distribution networks and takes into consideration daily, weekly, monthly and even seasonal changes. It does this by continually adjusting the pressure in the network so that at all times of the day and night, it is at the optimum level which is sufficient to provide good customer service but low enough not to cause excess leakage or burst frequency.

The i20 technology also offers significant leakage savings with short implementation times and very competitive costs compared to other leakage reduction measures.



For more information, contact:

Tel: +27 (31) 700 1177

www.joat.co.za