

We help Scottish Water provide drinking water and waste water services to more than 5 million customers.

What can we do for you?



THE CHALLENGE

Scottish Water is the 4th largest water and waste water service provider in the UK. The company covers a geographical area of 78,000 km², one third the size of Britain. Assets include 46,000 km of water pipes, 39,000 km of sewer pipes, 1839 waste water treatment works and 371 water treatment works plus pumping stations, sludge treatment centers and reservoirs. 2.5 billion liters of fresh water is provided to 5 million residential and 130,000 commercial customers every day. One billion liters of waste water is taken away and treated every day. The company was under pressure to improve operational efficiency.

THE SELECTION

Against this backdrop Scottish Water was tasked with selecting a cost effective communication solution to reach their remotely located assets. Having reviewed available options such as radio, GSM and leased line connectivity, TSAT was the solution that could best satisfy Scottish Water's requirements.

THE SOLUTION

In 1998 the company started the roll-out of a TSAT network in West of Scotland water region. Initially the network was connected to a Foxboro IA SCADA system with Exomatic and Dynamic brand RTU's. Since then a redundant HUB has been installed and the system has been expanded to interface with a Bristol Babcock Open Enterprise top-end system and Serck and Bristol Babcock brand RTU's located in the Northern and Eastern regions. To date more the 120 TSAT terminals have been deployed.

THE BENEFITS

Scottish water now has better control over their network infrastructure, and is able to provide better service to their customers, and do so at a lower cost.

How can we improve your bottom line?