

business stream

A SCOTTISH WATER COMPANY



case
studies

Glasgow Airport

Keeping leaks down helps Glasgow Airport

Glasgow Airport stops flyaway costs with Business Stream's help. As a company committed to providing good value for money for its airline partners, and putting passengers first, Glasgow Airport is always keen to keep on top of any infrastructure problems that might arise.

So, when significant rises in water consumption were highlighted by Business Stream's water management service, Glasgow Airport called our leak detection team in to help establish the cause of the problem.

Business requirements

Keeping track of water usage at a massive site like Glasgow Airport can prove problematic. With a large number of users, ranging from airlines and handling agents to retailers, pubs and restaurants, an airport is the ideal location for making use of our water management service. It was for this very reason that Glasgow Airport installed smart meters across their site.

The water management service has a dedicated website that shows consumption through each smart meter. By using this website our team was able to remotely monitor the site's water usage. In June 2007, the Business Stream team saw Glasgow Airport's typical water flow rise from approximately 400m³ to 800m³ per day. There was a leak!

The leak was due to be located and fixed when the airport was the subject of an attack that led to the site's water usage spiking to a high of 1200m³ per day.

This increase in water flow rates was mainly due to fire-fighters drawing water from a metered supply. Using the readings provided by the smart meter, Glasgow Airport was able to calculate the precise volume of water used for fire-fighting purposes. This money was reimbursed to Glasgow Airport and as part of the post incident review, our leak detection team was invited into the airport to locate the original cause for the jump in daily water flow rates.

Solution

Once the leak detection team was onsite, they conducted a site survey and quickly identified a variety of infrastructure leaks. Over the course of the six days they were onsite, they put in place a number of repairs and preventative measures.

As the smart metering website allowed Glasgow Airport to track their water flow continuously, they were able to watch their daily consumption drop by almost 400m³ after the leaks had been repaired.

Business benefits

By bringing water flow rates back down to their usual 400m³ per day, our team's leak detection and subsequent repairs meant that Glasgow Airport was making a daily saving of up to £720 per day. Had the leaks gone undetected, the airport would have been losing money every day and could potentially have stood to lose £21,900 every month.



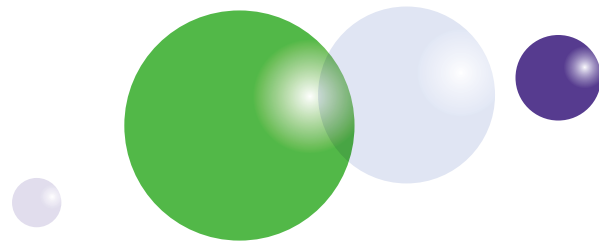
The attack on Glasgow Airport clearly highlighted how Business Stream's water management service allows companies to monitor their consumption. The massive increase in water usage as emergency services dealt with the incident was easily observed, allowing the money spent to be reimbursed and the appropriate repairs to then be made.

By having the support of our leak detection team, Glasgow Airport was able to save money and return cost efficiency to the running of Glasgow Airport's water supply and waste water infrastructure.

Dianne Sanders

Category Specialist – Utilities,
based at Heathrow Airport

'By working in partnership with Business Stream, we are able to see precisely how much water is being used at Glasgow Airport. This is invaluable as it helps us save money in the long run. Leaks are highlighted and can be repaired before they cost us excessive amounts of money, whilst having a relationship manager to act as a direct line of communication, has cut the amount of time spent dealing with issues.'



Contact information

To find out how we can make water work for you, please get in touch.

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