

Scottish Water £15m HQ - Glasgow



Project

Scottish Water is a publicly owned company, answerable to the Scottish Parliament and the people of Scotland – they provide 1.3 billion litres of drinking water every day and take away 840 million litres of waste water daily.

Scottish Water's new 20,000 sq/ft £15 million state-of-the-art National Operations Centre, Office accommodation for 600 key staff and Data Centre is adjacent to the Buchanan Gate Business Park in Stepps, near Glasgow. It will replace Scottish Water's current Glasgow offices, which were deemed unsuitable for future business needs. When complete the multimillion pound investment will host enhanced technology – allowing for a much improved customer experience, reducing supply issues and providing faster responses.

The new offices will also provide staff with a fit-for-purpose, energy-efficient, low-carbon work place for many years to come. The main contractor BAM Construction has been building the facility – which is designed to meet current and future business needs.

Solution

As performance, resilience, flexibility and future proofing were the key requirements both in the office area and Data Centre a Brand Rex Fibre Optic, Category 6 and 6A solution was chosen.

The project was completed in two distinct phases – Data Centre and Office area. The Data Centre had to be completed first so the new data centre could run in tandem with the existing data centre to enable continuous reliable and proven service.

The new Data Centre now holds 70 x cabinets with hot/cold aisle cocooning based on Canon Technologies T4 solution with over 2000 fibre optic and Category 6A Brand Rex links between cabinets.

The office and operations area within the building was flood wired with 2300 Category 6 Brand Rex outlets from 2 Comms Rooms which enabled the following solutions installed by ACI Integrated Solutions to operate utilising a single cabling platform:

Data Centre
Wireless Network
CCTV

As this project was required to be completed to a tight timescale within the main contractor's project requirements this necessitated continual on site liaison which ensured the project was completed within the original works program.

"We are delighted with the construction of our new building, which will serve us well for many years to come and enable us to continue to provide a first-class service to our customers"

Lorna McGregor, Scottish Water's head of workplace

