

CONTROL SYSTEMS

Case study

 **Southern & Redfern**
Industrial Solutions Ltd

Dalriada Water Castor Bay WTW

Involved from the design stage, our control systems team will provide project management through to test, installation and full O & M manuals.

Dalriada Water was chosen as the selected bidder for the Alpha Public Private Partnerships (PPP) Project to upgrade water treatment facilities in Northern Ireland. This project represents a capital investment of around £110m to upgrade the water treatment facilities that provide 50% of Northern Ireland's water supply. One of the main sources of water supply in the region is Castor Bay WTW and Southern & Redfern Industrial Solutions were chosen to design, build and install a suite of 6 Motor Control Centres (MCC's), 15 Local Control Panels (LCP's) and 15 Remote I/O Panels to control the new works. The MCC's are all Form 4 Type 2 and are a 'fully intelligent' solution utilising Siemens S7-400 PLC's and Simocode running on a Profibus network

