

Main works Control System Upgrade

Clients first iMCC project



This major site provides clean water to thousands of homes and businesses. Following on from the successful completion of our upgrade on the Secondary Filters in 2006, a major project to extend the upgrade to the other main elements of the process was given the go-ahead.

The brief, covering a wide ICA and Electrical scope, was to completely upgrade the existing site control system PLCs, Fibre Optic Network (Profibus & Ethernet) and SCADA update.

Boulting provide wide scope of supply for full control

The scope for the project included the following:

- Project Management
- Detailed System Design
- FDS
- Programming & Configuration of PLCs & Scada
- New ICA Panels
- New iMCCs (Simocode)
- Electrical Installation
- Fibre Installation
- Installation of network switches
- Commissioning
- Interface with Wide area SCADA (subcontract)
- Site survey

Custom built MCCs tailored to client needs

With this being the first intelligent MCC project for this client, our trusted expertise provided invaluable throughout the project. The MCCs for the project were custom built to be smaller than conventional designs, with remote maintenance for smooth running.

Site wide Ethernet and profibus resilient networks were also installed to improve site communications.

Low risk upgrade philosophy



Value added by Boulting

- Whole project ownership
- Siemens TIA – S7, WinCC, Simocode, Scalance
- Use of Scada clients instead of HMIs
- Full life cycle support
- Wide Scope
- Low risk upgrade philosophy
- Ongoing support