

Client: Global Information Provider

Location: London Docklands

Sector: Media

Project value: £1.5 million

Project: Chiller Replacement



Brief

Our client requested the replacement of four air cooled, packaged chillers that serve a data centre located within the Docklands for a blue chip financial company. The project was on a design and build basis and required us to provide a highly resilient system, whilst also providing the most efficient solution to improve energy performance and therefore as short as possible payback time for the original capital expenditure costs.

Action

We designed and built a replacement project which involved the replacement of the existing units with 3 no chillers complete with 'turbo cor' compressors. This maximises efficiencies and reduces payback time due to energy savings, compared to the older inefficient chillers. This ran in conjunction with a CRAC unit replacement project where we replaced existing units with 'combicool' type units, operating on chilled water as primary cooling and direct expansion as secondary back up in case of chilled water failure. All works were carried out in a live environment within a number of comms rooms all of which had to be kept operational at all times. We programmed the works to ensure we could achieve this whilst also keeping project programme time and cost to a minimum.

Outcome

This project is in the process of completion.

* to support client privacy an illustrative image has been used

