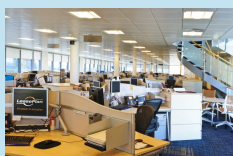


CASE STUDY

COMPLETE HVAC OVERHAUL / REFURBISHMENT



Replacement and installation of Trend BMS System. Our brief was to upgrade the inoperable existing BMS system to control all of the services we were appointed to refurbish.

Water Chillers. The original chillers were installed within the basement and poorly designed from day one, given heat rejection was limited. The original chillers were disconnected and two new Daikin chillers installed within the car park area and piped accordingly. Changeover was carried out over a bank holiday weekend with no downtime.

Internal fan coils. We undertook refurbishment of 200 internal 4 pipe fan coils. Refurbishment included cleaning coils, valve and actuator replacement, back flushing, replacing fan motors and BMS outstation upgrade. All refurbishment was carried out during evenings and weekends to avoid disruption.

The existing computer room air conditioning had been notoriously unreliable and the old water chilled systems were replaced with Mitsubishi PEFD close control systems. The Mitsubishi systems were then linked to a Synapsys and Trend interface allowing remote support and interrogation.

The above was carried out over a nine month period with meticulous planning and project management. We pride ourselves in delivering technically excellent packages whilst minimising disruption to the client in delivering the solution we've engineered. We continue to maintain the equipment and offer remote support via the BMS web browser facility.

Should you have a building that requires the existing services refurbished, or replaced, large or small, call Air Options today.

Building:	3 Storey Office Refurbishment
Location:	Slough, Berkshire
Manufacturer:	Daikin Chillers & Mitsubishi Electric VRF
Heating & Cooling:	Heat Pump & Water Chillers
Ventilation:	Fresh Air & Extraction via Air Handling
Appointment Objectives:	Design, Refurbishment & Replacement of HVAC Services
Engineering Achievements:	On Budget, On Time With Minimal Disruption
Energy Savings:	Yes
Enhanced Capital Allowances:	In Part
Budget:	£1,200,000 +/-
Timescale:	9 Months
Project Success:	100%

Head Office

Environment House, Black Croft Road, Witham, Essex, CM8 3YN

London Office

9 Devonshire Square, City of London, EC2M 4YF



0800 0188423



enquiries@airoptions.co.uk



www.airoptions.co.uk



No matter how large or small your project may be, call Air Options today on **0800 0188423**