



## CASE STUDY



### Services

Mechanical Services, 4 pipe FCU's, HRU's, Comms Room DX units, Plumbing and Public Health services to tea points /break out areas & Nursery Kitchen.

### Client

Overbury Southern

### Project

Plaza West Reading

### Value

£2m

### Duration

40 Weeks

### Description

The existing base build services are served by a series of roof mounted air handling units, 6 no gas fired boilers and 2 no Carrier chillers to suit the office accommodation.

The existing AHU's were completely refurbished and the air flow increased, 2 no HRU's have also been provided to assist with the fresh air requirement for the increase in occupancy, in the ground floor area.

New dedicated AHU provided for the new Nursery Kitchen.

The gas boilers were replaced with new Hamworthy boilers and a new S.S. flue installation.

The existing air cooled chillers serviced and coils deep cleaned.

The existing LPHW & CH.W. & Ventilation installation was modified to suit the new space plans, with associated secondary supply ductwork and ceiling mounted diffusers.

Each cellular room has been provided with its own fan coil unit(s) and control system.

Independent wall mounted temperature sensors/ adjusters have been provided in each room, in order to control the environment.

New SER rooms, Security & traffic control room were provided with a dedicated DX installation wall mounted AC units and basement mounted external condensers in the car park.

Water supplies and drainage provided to each break out, tea point and new kitchen area, these complete with solenoid valves, Hot water is also provided, with electric POU water heaters & Zip cooler/heaters.

## SALE SERVICE & MAINTENANCE LTD

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Mechanical & Maintenance Services



**CASE STUDY**



**Key Features**

- Cellular offices provided with independent control of FCU's.
- HRU in key areas of occupancy.
- New SER & security room Refrigeration DX services
- Serviced Tea points & break out areas.
- Commercial kitchen with canopy.

|                          |                            |
|--------------------------|----------------------------|
| <b>Architect</b>         | Broadway Malyan Architects |
| <b>Contracts Manager</b> | Eddy Lanegan - Sale Group  |
| <b>Mech Consultant</b>   | JD Partnership             |
| <b>Main Contractor</b>   | Overbury Southern          |

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