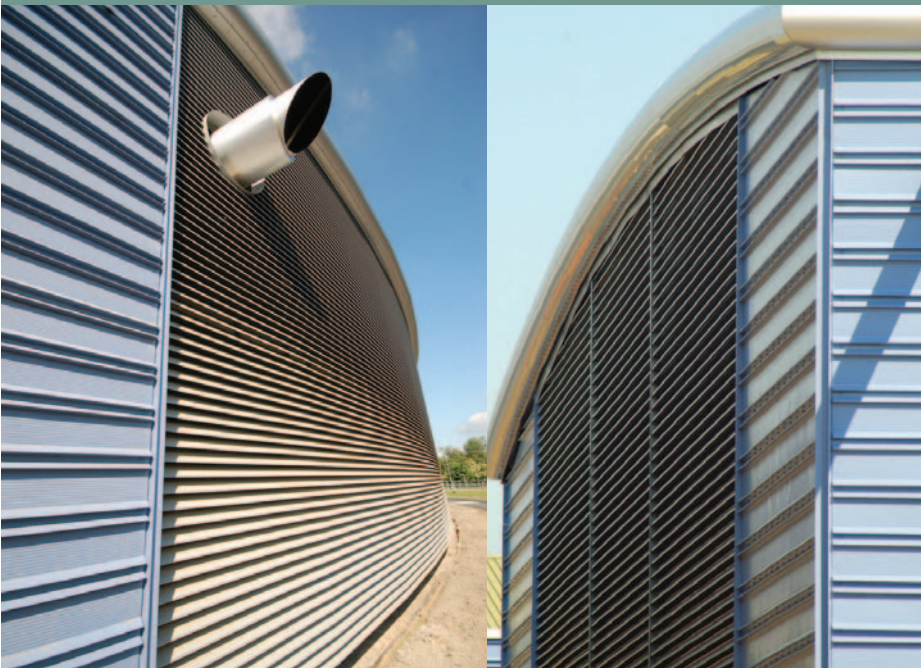




Hertfordshire Data Centre Welwyn Garden City



When building a state of the art data protection centre every care has to be given to ensuring that client's valuable data is maintained in the safest of environments.

Architects Gensler and building contractors Laing O'Rourke collaborated to build a highly sophisticated and "green" building for the storage of HSBC Bank I.T. data.

The new data centre is expected to achieve substantial reductions in annual energy and carbon dioxide emissions, resulting in substantial cost savings to the business. It has achieved the coveted "Excellent" BREEAM rating award for HSBC.

The internal environment has to be maintained to critically fine levels and the ventilation of the internal rooms has to be of the highest engineering standards. To achieve these goals, Par was selected to design and install 1,200m² of louvre systems throughout the complex including the Data Hall and Drups buildings. Various types of Par louvre were used including L.075 and L.095. The louvre selection process was carefully engineered to ensure that the correct pressure drops and degree of weather protection was right for the project.

In addition, the Drups building is faceted with a curved head to the louvre, so makes for a very complex interface.

Par has a long and successful working relationship with Laing O'Rourke and Lakesmere Ltd who placed the contract for the louvres with Par. This relationship led to a good understanding between the parties to ensure that the project ran smoothly, on budget and on time.

Par Louvre Systems - Bespoke by design.