



SHEFFIELD CHILDRENS HOSPITAL HAS GREENEST DATA CENTRE IN THE NHS

Sheffield Children's Hospital has the lowest PUE of any Data centre in the NHS after installing 6 EcoCooling systems in their new 'state of the art' Data centre in Sheffield city centre.



The Data Centre was constructed on top of the existing 5 story Sheffield Children's hospital, using a light weight construction, the EcoCoolers were installed around the periphery and the fresh filtered cool air is ducted under the floor into the cold aisles.

The warm air is then extracted out at high level and, if required, mixed with the incoming cool air to provide the air onto the data racks at exactly the right temperature.

The whole installation will pay for itself in less than 2 years, saving over 290 tonnes of carbon per annum and go some way to meeting the hospitals strict Carbon reduction targets.

CELSIUS DESIGN LIMITED Tel **01926 887470** Fax **01926 335485**
www.celsiusdesign.co.uk email: info@celsiusdesign.co.uk