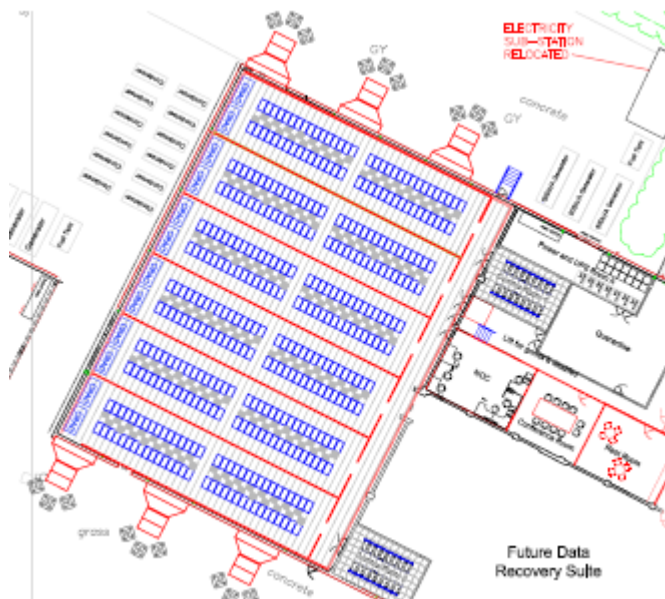


Celsius Evaporative cooling for 1.5MW Data Centre



Blue Chip Ltd, the co-location experts, have recently installed a Celsius EcoCooling evaporative cooling system to their new purpose built Data centre in Bedford.

Consisting of three large floor mounted air handling unit assemblies made up of 18 EcoCooling units, an extraction and 'atempuration loop' and providing roof mounted extraction through 5 no. Celsius weathered natural vents, each measuring over 2,500mm wide by 3,200mm long.

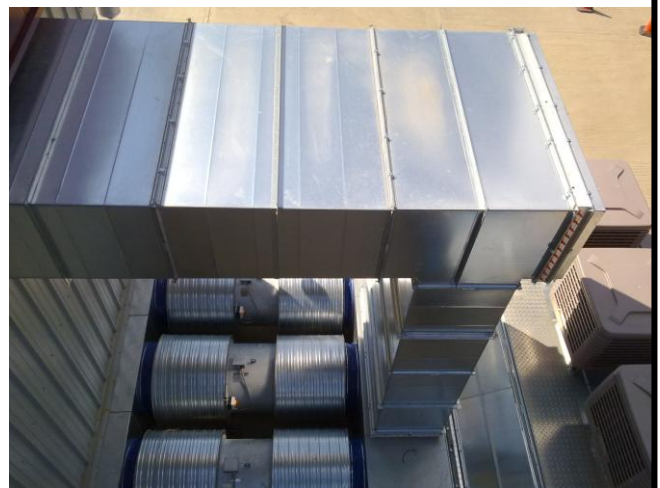
This is the largest Evaporatively cooled Data Centre in Europe, resulting in a Power Usage Effectiveness (PUE) of around 1.2. Celsius have also installed a backup CRAC (Computer Room Air Conditioning) system within the facility using six 120KW units.



The whole system was financed with a Carbon Trust interest free Loan.



The above pictures show the five large Celsius natural vents on the roof to provide extraction from the area, and also the internal cold aisles with the floor grills introducing the cool air from the Celsius EcoCooling evaporative coolers.



Celsius also provided cooling to the UPS room with an evaporative cooling system.

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