

Dutch students keep cool

RimatriX5 installed in a College

About Vechtdal College

The Vechtdal College is a Christian comprehensive school for VMBO (pre-vocational secondary education) with IWO (learning support), HAVO (Higher General Secondary Education) and VWO (pre-university education). All these forms of continuing education are given in Hardenberg (main building), Dedemsvaart and Ommen.

Approximately 2200 students receive education within VMBO, HAVO or VWO in the main building. About 220 staff members work there. These are not all teachers: education support staff and the central services also have their workplace here. All professional subjects can be followed within the VMBO at every level.

The personal approach of the locations goes very well together with integral educational harmonisation: as a result of this, switching from one school to the other goes smoothly. The same is applicable for HAVO and VWO (Atheneum and gymnasium [pre-university school]). Within all education types there are a number of adapted forms of education.

A lot of attention goes not only to education, but also to guidance and training. The Vechtdal College has also given a lot of attention to the computer space to be newly set up, in order to come to the best solution.



Objectives

Vechtdal College was orienting itself in the field of server racks with the related cooling system. The old racks had their doors open and could not be cooled well enough, but the hardware continued to grow.

Finally the modular structure of RimatriX5, the scalability and the cooling principle (by means of LCP refrigeration close to the source) were reasons for the Vechtdal College to choose the RimatriX5 concept.

In the 1st week of the May holiday the entire computer space was set up again. Chiller on the roof, and in the computer space the server racks, power rack and network rack, and the whole can be monitored by the CMC TC system. The growth of hardware has been taken into account for the future; it can simply be extended (without it being necessary for the installation to shut down).

Components: Racks, LCP, Chiller, CMC-TC