

HELIOS Klinikum, Wuppertal

**Reform of the SAN Structure with xSeries and VMware**

The HELIOS Klinikum in Wuppertal is the largest hospital in the Bergisch state with approximately 1000 beds. With the most up-to-date diagnosis and treatment procedures the Wuppertal medical staff provide high quality medicine, which is rewarded with continually increasing patient numbers in the in-patient and out patient departments.

The resulting increased IT requirements now had to be met by the existing system environment. As the capacity limits had been reached and they could not be expanded online, there was only the possibility of modernisation for the SAN structure. Additionally, the Intel Server needed to be virtualised with VMware.

Those responsible at the university hospital found FRITZ & MACZIOL to be the most suitable partner for the complex transformation project. In addition to the coherent method of resolution, the systems company were convincing with their expertise in the consulting arena, many years of project experience and the advantage of being able to supply everything from one place.

Thus, after the consultation on the preliminary project with regard to sizing and configuration, the F&M team were responsible for procurement and integration of the IBM DS4500 Storage, IBM xSeries x366 and VMware ESX Server systems. They undertook the virtualisation of the Intel Server using VMware and took care of the migration of data from the old to the new system. With success – since November 2005, the HELIOS Klinikum in Wuppertal has been using an SAN with clearly improved performance and can access the server much faster, as a result of the division of resources on the basis of virtualisation.

**Information**

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