italik

Highfield ✚ Brookham

Highfield & Brookham Schools and Italik upgrade servers to meet pupil and staff needs.

Highfield & Brookham are independent prep and pre prep schools for pupils aged 3 to 13 years, set in stunning 175 acre grounds, near Hampshire's border with West Sussex.

Offering both day teaching and boarding facilities, the schools enjoy outstanding academic success and an ISI excellent rating. Highfield pupils move on to the top Senior Schools in the country including Eton, Marlborough and Downe House to name but a few.

"Italik were the only company that really took the time and effort to ascertain our requirements and have proved to be reliable, dependable and competent in implementing our new solution and providing ongoing support."

"I am most impressed with the individual care and effort shown by Italik who understood our concerns and guaranteed what they were going to do and did it on time. I am also very pleased with their professionalism, the depth of their research and explanation in proposing the solution and the quality of service on deployment."

Martin Layton, IT Manager

The Problem:

• *Existing server infrastructure insufficient to meet the growing demands of pupils and staff*

• *Servers needed constant monitoring and repair*
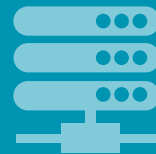
• *Inadequate total server storage space*

The Italik Solution:

• *Italik carried out a thorough assessment of the schools' requirements*

• *Recommendation for server virtualisation using HyperV server cluster providing a virtual server system with increased storage*

• *Installed the Dell PowerEdge VRTX which integrates servers, storage, networking and management in a compact shared infrastructure*

• *Fast and efficient backup solution using Veeam Backup and Replication providing flexible, and reliable recovery specifically for virtualized applications and data*

• *Simplified managed infrastructure*

Key Business Benefits:

• *Reduced IT staff time required to maintain the old hardware*

• *Technicians freed up to handle more important issues*

• *The schools now have a fast and efficient data recovery solution as well as increased storage capacity.*

Technical Details

When creating the virtualised environment at Highfield & Brookham, Italik adhered to two overriding principles for the solution:

Resilience. The environment should be created with as few single points of failure as possible i.e. dual power supplies, RAID disk arrays and multiple network cards.

Scaleability. The solution should be scalable - to allow for additional disks, memory and platform hardware to be added easily.

Italik deployed Dell Server and Storage technology utilising the Dell VRTX. The Dell VRTX is aimed specifically at SMBs wanting to consolidate server infrastructure, and provides a very simple and sleek solution with up to 4 Server nodes, up to 48TB of integrated Storage and integrated network switching.

Typical equipment required for servers, storage and networking.

Dell VRTX converges servers, storage and networking into a single chassis the size of a desk-side tower server.

About Italik

Italik Ltd is a fast-growing independent IT services company. Based in the north of England, we help medium to large businesses throughout the UK to overcome their technology challenges and maximize their investment in IT.

To do this we specialise in four key areas:

- **Applications.** We help organisations develop and integrate business applications.

- **Advanced Security.** We ensure your IT systems, infrastructure and data are highly secure.

- **Infrastructure.** We design and build high availability IT infrastructure.

- **Networking.** We design and build efficient networks to provide performance, flexibility and scalability.

To deliver these Italik partners with world leading IT companies such as Cisco, Microsoft, IBM and Apple.

What Next?

If you'd like to find out how Italik could help your organisation achieve some of these benefits, please contact us by calling or visit our website for more details.

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