

CASE STUDY

Myton School

Comprehensive School - Warwick
1,650 Pupils - aged 11-18 years



Myton is a high achieving Academy with an excellent reputation in both the local area and nationally. The socio-economic profile of its students is diverse and reflects their comprehensive and multicultural nature. This is a real strength of the school as they are a microcosm of the world in which their students will live and thrive. Myton School has an excellent record of entry to Higher Education, including Oxford, Cambridge and universities abroad and takes pride in the fact that over 85% of its students gain entry to their first choice university after leaving them.

A Hyper-V Server 2012 network with SAN storage and a 10GB core

PARTNERSHIP OVERVIEW

NS Optimum started working with Myton School in 2012 when we installed the fibre optic & CAT6 structured data cable into the new classroom blocks. The work carried out was to our usual high standard & being impressed, the school asked us back the following year to discuss the upgrade of their 900 workstation curriculum network to Windows 7 Professional & **Server 2012 with Hyper-V** along with Intel based SAN storage systems.

Following some in-depth discussions we came up with a solution that gave the school a fast & reliable **10GB core** server & switch infrastructure & we proceeded to carry out the installation of the 8 x server upgrade & school-wide network reimage during the 2013 summer holidays. To ensure the smooth operation of the new network we supplied an **NS Optimum Technician for 1 day per week** for the first term & the network is also supported with a 'Silver' onsite & **remote emergency support**.

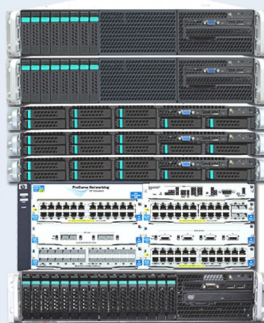
Our partnership with Myton School continues to develop & NS Optimum has supplied Windows 8 tablets & iPads as well as the **rolling replacement of PC workstations**.



"A large part of the success of the project was, I am certain, down to the excellent technical resource that NS Optimum were able to provide. This was important during the planning phase & equally instrumental in ensuring timely completion.

...I would have no hesitation in recommending them."

Tom Brocklehurst - Network Manager - Myton School



10GB CORE & SAN SOLUTION

The upgrade to a **Server 2012 Hyper-V** server configuration & Windows 7 Pro workstations saw NS Optimum replace the server hardware. Three Virtual Hosts & two 10TB **SAN storage** servers with 900GB SAS drives & SSD cachecade with battery backup on the RAID cards, were supplied & installed giving **ultra-high performance storage**. A new admin server & domain controller were installed & utilising Microsoft Data Protection Manager (DPM), we provided a constant trickle backup to a new **DPM** backup server in a remote location within the campus.

All is connected together using its own dedicated 10GB blade in the HP core switch giving full wirespeed data transfer at **10GB** on a **high performance back plane**.

"NS Optimum ensured they were on-hand at the start of term to provide support and they integrated with the team and the school seamlessly"

Tom Brocklehurst - Network Manager - Myton School



contact us
01926 880300
sales@ns optimum.co.uk
www.ns optimum.co.uk

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