



System Information

L Burgess, January 2014.

During 2012 we installed a new virtual server environment within a VMWare vSphere 5 platform with three HP Servers and two HP SAN chassis, which virtualised the majority of new and existing servers.

Our Network infrastructure operates on HP switches at the core, distribution and edge with a mixture of L2 and L3 management. The core runs at 4GB with distribution between 1-3GB and majority of clients enjoying 1GB to desktop.

Our 1000 Windows 7 PC client network is run by vanilla Windows 2008R2 native Active Directory mode Domain Controllers, with a mixture of 2008R2 and 2003 member servers.

A small 35 client Mac OS X network is operated by an Apple XServe linked with the AD and is used primarily for video editing and Photography courses.

The management system is RM CC4 TEN (Tools for Existing Networks) providing station, user and application management across the site.

SIMS.net is used by all staff throughout the school in most aspects of management, including FMS, electronic registration, reports, grades, student and parent communication through In-Touch and remote access for staff and parents via SIMS Learning Gateway, hosted locally.

Office 2010 is provided on all desktops and Adobe Creative Suite 5 is available on many computers throughout school.

Our virtual learning environment Fronter provides the ability for staff and students to collaborate on resources, home & coursework and electronic marking.

Websense provide us with complete control of web filtering in-house.

Microsoft Exchange is hosted locally and available to all students and staff both on site and remotely. E-Mail is heavily used at the School and we currently operate in excess of 130 mailing lists for granular group contact.

Other significant systems employed at the School include Oliver Library, Paper Cut for printer credit management, PRTG for network monitoring, IP based CCTV, BackupExec for our D2D2T backup solution, Ubuquiti UniFi managed wireless, Sophos AV, Tucasi for web payments.

A mixture of SQL2008, MySQL, IIS6 and IIS7.5 & PHP provide various internal systems and web based platforms including Intranet & Extranet services.

We offer BYOD & guest Wifi solution for staff and Sixth Form and visitors.