

Haywood High School ~ Staffordshire



Key Business Benefits

- + Annual cost saving across all sites
- + Fast application access over low bandwidth links
- + Real time access to student records
- + Centralised IT management of all desktop assets
- + Hot desking facilities
- + Consistent desktop profiles
- + Increase user productivity
- + Reduce support overhead
- + e-Learning strategy
- + Digital Inclusion solution

Deployed Business Applications

- + Microsoft Office & Encarta tools
- + 2D Design CAD, Prometric 3D
- + SIMS Curriculum Management
- + Boardworks, EasyTeach
- + Vast range of education applications
- + Adobe Dreamweaver
- + External school portal web access

Infrastructure Environment

- + 300 Netvoyager thin clients
- + HP Blade Server enclosure
- + 16 2xCPU 2xCORE blades & 8GB RAM
- + Microsoft® Windows 2003 Server
- + Citrix® MetaFrame Presentation Server
- + Various WAN, LES & ADSL circuits
- + 10/100/1000 Mbps switched LAN

Haywood High School and Engineering college, an award winning and forward thinking teaching organisation, has always delivered high standards to its 1000 plus pupils.

This is demonstrated by the comments of the Ofsted Inspector in May 2007: "Students said what a special place this school is and inspectors agree. This is a good and improving school with some outstanding features."

Haywood High School and Engineering College is a stimulating learning community where students can flourish as a result of the huge commitment of staff to the personal development of all students. Staff and students take great pride in their school and this is shown in the high quality of displays of students' work around the buildings and the care shown to the school environment."



The brief given was to provide the school with a solution that would allow some 250 students who had no access to a home PC to connect to the schools e-learning portal. Netvoyager solution partner ICT Networks demonstrated Netvoyager thin clients and Citrix Presentation Server which delivered all the basic criteria and even more extended features.

"The use of the Netvoyager thin clients for home use has proved to be a fantastic success" said ICT team leader Andi Tudor-Nash. "We were looking for a home access solution to enable our pupils to use our e-learning portal for a project

funded by the West Midlands Regeneration Fund and approached IT provider ICT Networks who delivered the end-to-end solution in record time".

The Netvoyager thin client is a standalone web access machine meaning that the user can browse the web without having to access the school server. However if the user wishes to use applications or access curriculum software then they can connect to the school portal.

Software such as Microsoft Encarta with motion video and Macromedia suite including products such as Dreamweaver, functioned well on a thin client and server-based network. The use of Citrix to deliver the applications mean that programs do not freeze if bandwidth availability fluctuates, Citrix will compensate for the change and the media stream may skip a frame but it will not freeze which can be an issue outside of a school environment.

"There has been a great demand for the thin clients" commented Andi "and because the pupils can access the portal and educational software, whilst staff can do same on their laptops who also find it a fantastic resource as well. At the same time, making provisioning an deployment very simple and easy for my team to support".

