

A stylish new building housing the Science, Music, Learning Skills and ICT departments is now fully functional at Cleeve School. One main communications room at the centre of the development is linked with OM2 fibre to two satellite cabinets.

Project Scope Overview	
Customer:	Cleeve School
Installer:	Converge Networks Ltd
Site Location:	Bishops Cleeve, Cheltenham
Requirements:	<ul style="list-style-type: none"> • 610 Gigabit Ethernet and Telecommunication outlets • Multi-mode fibre installed between three distribution rooms and Main Communications room • Aruba wireless network with 55 wireless access points • Three phases will see the transformation of the school, to date the Sixth form and Technology block have been completed. Maths, English and Humanities to follow.
Equipment:	Category 6 UTP

Project Summary

This main communications room has a fibre link back to the server room in the old school. Each cabinet has Procurve ethernet switches installed without PoE for cabled connections or with PoE for the wireless.

"I am proud to say I was around 2 years ago when the school was putting the design together, we quickly established a specification. With the schools IT team we helped source and install a communications system that matches this schools progressive thinking. The structured cabling supports 225 staff VLAN / secure and over 1,600 students. We have 33 x Hitachi CPX projectors, 10 x 42" LCD LG screens, whiteboards, laptops, Apple Mac's in the music and IT rooms and more, all wired to the network. This is overlaid with the Aruba wireless network with 55 wireless access points (WAP). We are very pleased with results."

Lee Sloan Technical Sales for Converge Networks

In 2007 Cleeve School received the ICT Innovation Award, sponsored by Oracle Education Foundation. ICT is a vital part of learning within Cleeve School. Since the 6th form student laptop scheme in 2004, the school has been investing in new technologies that can help to achieve personalised learning.

Many ICT projects have started to change the learning experience for teachers and students. Pupils are encouraged to participate in national competitions such as Smiths Aerospace

'Flying Challenge', Lego Robotics and The Crest Awards. Every student has their own individual email, and is able to access ICT facilities during lunchtime and after school. Pupils are also being offered increasing access to school resources from home through the development of a school portal and a Managed Learning Environment.

"This was a massive project for the school and a lot of time, effort and planning went into ensuring everything was designed to provide the best possible IT facilities in every room. From conception to completion Converge were exemplary and now the building is live, both Converge Networks and Connectix Ltd have been on hand to resolve any issues quickly. This has ensured the project was a great success and massively beneficial to the students and staff. Cleeve School is now leading the way in IT infrastructure and show-casing its systems to other schools and colleges around the county."

Tom Henson the Systems Manager at Cleeve School

