



Case Study -

A Leading UK SEND School

Situation / background

This leading SEN school in the UK provides education for students with complex and moderate learning difficulties. It focuses on personalised learning to meet the holistic needs of its students, providing them with excellent communication, emotional regulation, and independence.

The school employs a range of professionals to support the development of students, all of whom take part in an extensive professional development package. Alongside the education team there are many other specially trained staff, providing in-house welfare and therapy, language therapy, rehabilitation and health and wellbeing support.

The school brought AzteQ Group on board five years ago to help upgrade its ICT infrastructure – aiming to better support teaching staff and the curriculum they deliver to the students.

In this teaching environment, where teaching needs to be tailored to support the individual needs of students – access to excellent connectivity, software, and hardware are paramount. With the help of the AzteQ Group team, the school was able to assess the ICT already in place and then decide what needed to be changed to create the best combination of technology possible.

The school had been relying on outdated, unmanaged systems that were inadvertently holding it back. Upon assessment of the existing ICT infrastructure in the discovery session, AzteQ Group discovered several issues that needed to be resolved.

Challenges

- A lack of antivirus software to protect incoming and outgoing communications.
- Substandard quality cables and switches that needed to be removed, replaced, and documented.
- Old server systems that needed to be migrated.
- Cell-based WiFi and a poor ISP that needed to be replaced with controller based WiFi to improve connectivity across the whole school.

Solution

AzteQ Group focused on removing legacy systems, updating software and hardware, and implementing solutions that would create a stronger foundation for the school.

Instead of having to connect to WiFi from multiple routers throughout the school, a blanket WiFi network was created which improved and sped up connectivity for staff and students. Behind the scenes the team made sure that all the new cabling and wiring was secured safely away out of sight.

Students were supplied with special needs and ergonomic computer equipment, software, and communications devices specifically designed to support their learning. In the classrooms, the team made sure the screen sizes were correct for visually impaired children and installed interactive flat panels that are height adjustable to improve accessibility for wheelchair users.

For additional safety, and to make the most of the given space, they secured IT equipment to walls and desks to create better movement in the classroom.

AzteQ Group also offered the following to support the school's long-term roadmap:

- Recommending, supplying and installing specialist software for speech and language needs.
- Working with the senior teaching staff to develop sensory room projection and adaptive technologies to enhance student development and learning.
- Training programs for the hardware and software supplied.

With these solutions, the school was much better equipped to cater to student's individual needs, to enrich their education and set them up for a successful future.

Customer Feedback

"Working with AzteQ Group over the past five years has been all that we hoped it would be. They are professional but more importantly, they listened to our requirements, particularly in respect of security, and delivered a secure and efficient network. The team have also developed a level of understanding of our ICT requirements and what we were trying to achieve as an SEN school. We now worry far less about network reliability and related technologies and AzteQ have been massive in getting us to this position."

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