

ICT Infrastructure & Equipment

Client Profile

MGL has worked with Booker Avenue Junior School for over ten years. During this time we have provided the school with a regular technical support service, assisting teaching staff and maintaining the school's ICT infrastructure and equipment. Within the last year our team of hardware consultants and technicians have designed and implemented an extensive upgrade program, both to the infrastructure and classroom resources.

MGL Broadband

The school felt their old/LA broadband provision was slow and restrictive. It limited access to media rich, educational content, which would support teaching and learning. Staff were unable access sites such as YouTube, or remotely access school resources which resided on the curriculum network. There was no system in place to differentiate staff or pupil's access appropriate content.

Since the introduction of MGL School Broadband, the school now benefits from access to Super Fast Broadband, with a connection speed up to 40Mb - ten times quicker than their old service!

Flexibility and Control - the school can refine the Smoothwall Filtration service to fully meet their requirements, implementing granular control over groups or users and what content they may each access.

Ubiquiti Wireless Infrastructure

With over 150 wireless devices on site, the school sought a wireless solution that would support multiple class usage of Apple iPads and laptops.

MGL have implemented the Ubiquiti UniFi system across school, with access points being placed in each teaching area. The Ubiquiti UniFi system is a powerful enterprise wireless solution ideal for schools seeking high-density client deployments with low latency and high uptime performance. The Ubiquiti UniFi wireless infrastructure supports speeds of up to 1,300Mbps, which are comparable to a wired network connection. The system enables the school to use 25-30 devices simultaneously in adjacent classrooms, with no reduction in performance.

The school now has the perfect end to end network access solution, whether groups of children are accessing local network resources or incorporating online content into lesson, the system suffers no loss of performance.

Promethean Interactive Displays

The school had used Promethean Interactive Whiteboards and projectors for a nearly ten years. This technology had served the school well, however, as the equipment had started to reach the end of its life, teacher presentations and lesson content started to lose its impact. As a number of the teachers had content prepared in the Promethean ActivInspire software and were confident in its operation, MGL recommended the school introduce a replacement program based on the Promethean ActivPanel - Interactive display.

The MGL AV installation team fitted a Promethean ActivPanel 65-inch interactive display and soundbar in each classroom.

Every classroom can now benefit from an interactive classroom system that supports

- ActivGlide Surface - Anti Glare coating - Ideal for bright or sunny classroom, also provides a smooth surface from which to operate the display
- High Definition HD Display - Provides a bright and crystal clear picture
- Multi point touch - Allows groups of children to simultaneous interact with lesson activities prepared by the teacher
- Zero Maintenance - No projector filter or bulb to maintenance
- Accuracy - No need to calibrate or re-orientate ActivPanel

