

CASE STUDY

The Erskine Stewart's Melville Schools



State of the art data centre and additional wireless connectivity - greatly enhancing leading private schools IT capabilities

Background

The Mary Erskine School, Stewart's Melville College and Erskine Stewart's Melville Junior School are leading Edinburgh independent schools for both boys and girls, situated in the heart of Edinburgh.

As is the case with many independent schools The Erskine Stewart's Melville Schools have examination results well above the national average with almost all pupils progressing on to higher education and excelling academically.

Business Challenge

As one of the most forward thinking private schools in the UK, The Erskine Stewart's Melville Schools integrate the best technology in to everyday classes to enhance education for both its pupils and staff. To ensure synergies between all faculties and departments The Erskine Stewart's Melville Schools recognised it needed to upgrade its communications infrastructure.

The school realised a complete refurbishment of its data centre was required, coupled with an additional wireless link to increase connectivity between key buildings.

Solution

Due its long standing relationship with the School, Boston Networks was awarded the project. Boston Networks designed a solution that would perform significantly better than its predecessor, lower the carbon footprint of the building and be dynamic and scalable enough to ensure future, seamless, upgrades.

Following an extensive survey of the existing infrastructure, the state of the art upgrade encompassed:

- The removal and replacement of crucial servers and racks, ports and switches
- The relocating and re termination of existing UPT cabling and fibre optic backbone
- Introduction of a simplified patching system with loomed panels
- Enhanced and integrated air conditioning and fire suppression system

Solution continued...

In addition a high speed, full duplex point to point wireless solution was designed and deployed to connect the schools buildings to its extensive sports complex.

Benefits

Boston Networks completed the project to the tightest of timescales, ensuring there was no unplanned downtime during classes and no unnecessary inconveniences for the IT team. Thorough planning and meticulous project management enabled Boston Networks to complete the entire deployment over just one weekend.

The resilient and state of the art upgrade has delivered dramatic improvements across the school and has greatly simplified the infrastructure management for the Schools IT staff.

The scalable data centre can now seamlessly manage the increasing traffic on the Schools network infrastructure. Moreover, with the adoption of new and smart technologies the upgrade has enabled The Erskine Stewart's Melville Schools to reduce the environmental impact and carbon footprint of its buildings building.

Client Testimony

"We were very happy with both the design and implementation of the solution. Thanks to Boston's hard working team of engineers we were able to finish the project ahead of schedule with minimal disruption to the school community."

Steven McIntosh, IT Manager, The Erskine Stewart's Melville Schools

About Boston Networks

Boston Networks is a leader in the design, planning, installation and support of high-performance Intelligent Building Systems and Wireless Solutions.

Specialising in Cabling Services, Network Infrastructure, Wireless LAN & WAN and Integrated Security Systems, encompassing CCTV, Access Control, Fire Safety and Intruder Detection, we offer the best of breed technologies and deliver a comprehensive range of bespoke solutions and professional Support Services throughout the UK.

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