

5 Dimensions Trust strengthens school network infrastructure with Moon



The customer

5 Dimensions Trust is a Multi-Academy Trust serving west Milton Keynes.

Founded in 2018, the Trust currently comprises three secondary schools, The Hazeley Academy, Shenley Brook End School and Walton High, and three primary schools, Priory Rise School, Emerson Valley School and Merebrook Infant School.

Its vision is to “grow a vibrant community of exceptional people”, with a clear focus on strong outcomes, empowering education and the development of students as individuals.



The solution

As a large education trust supporting 1,400 employees across multiple school sites, 5 Dimensions Trust depends on reliable network infrastructure to keep teaching, learning and day-to-day operations running smoothly.

At two of its secondary schools, The Hazeley Academy and Shenley Brook End School, the existing core switches needed to be replaced.

These switches sit at the centre of the school network, so ageing hardware can create a significant operational risk, particularly as schools place more demand on connectivity through cloud platforms, classroom technology, digital learning tools and a growing number of connected devices.

The Trust had a clear understanding of the requirement, but wanted to review the available options with an expert partner before committing to the upgrade.

Reliability was the immediate priority, but the solution also needed to support future network demands, including higher-capacity connectivity.

Just as importantly, the project had to be delivered around the practical realities of a live school environment, where disruption must be kept to a minimum and installation windows are limited.

As one of the Trust's existing trusted resellers, Mooncomputers was approached to help identify the right solution and manage the upgrade in a way that worked for both schools.

The results

The core switches were successfully replaced, giving 5 Dimensions Trust greater confidence in the reliability and performance of its school network infrastructure.

By moving away from older hardware and implementing modern HPE Aruba 6300M switches, the Trust now has a fully functional core switching environment that can better handle current demands and support future needs.

Modernised core network infrastructure

- ✓ The Trust replaced ageing core switches with modern hardware better suited to today's education technology requirements.

Improved reliability and reassurance

- ✓ The new switches provide greater confidence compared with the original older hardware, reducing concerns around infrastructure performance and resilience.

Future-ready performance

- ✓ The new core switch environment can support 10Gb connectivity, helping future-proof the schools as network demands continue to grow.

Flexible project delivery

- ✓ Mooncomputers worked around the schools' limited delivery windows and adapted when issues arose, returning at times that suited the Trust.

Stronger ongoing support

- ✓ As a local partner, Mooncomputers provided face-to-face meetings, on-site visits and practical project advice when needed.



"Mooncomputers were very accommodating and knowledgeable, and most importantly local. They were very competitive on price, but it was their time and effort to get the right things in place, at the correct time that suited us, that really stood out. They went above and beyond to get the project completed."

For an education trust managing multiple sites, that combination of technical expertise, dedication and responsive service is particularly valuable.

Mooncomputers isn't simply supplying hardware; it is helping the Trust make informed infrastructure decisions and complete projects in a way that works for the school environment.