

Case Study:

## Education Establishments

Customer:

University

### Overview

Quadratek has worked within the Education sector for 20 years, with our longest, continuous, relationship being with a major London University. Spread over a number of campuses and having to fit work in around timetables and holidays, its demands are varied and many.

#### Our challenge

As part of a refurbishment of a large teaching building, the University had a requirement to disconnect existing copper and fibre-optic cables from a temporary equipment cabinet and reroute them to a new Comms Room.

The task was complicated further still, as several fibre-optic cables that were joined within the temporary cabinet, had to remain live, to ensure constant connectivity to the halls of residence.

#### What we did

In total, 498 Cat6A cables, 4 x fibre-optic cables and 1 x voice cable from within the temporary cabinet were relocated to 3 new cabinets within the newly created Comms Room.

The cables were re-terminated and presented back into the original patch panels as per the patching schedule. All cat6A outlets were verified using a Level IV calibrated Fluke DTX Cable Analyser to BS EN50173 Class EA PL2 standards.

#### The Result

Completed within a strict two-week timescale to ensure minimal disruption to students.

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