



Leeds Beckett University - Carnegie School of Sport Technology Case Study



About

Leeds Beckett University is one of the largest providers of sport in higher education. They are committed to creating the most inspirational teaching and learning spaces, and have invested £45million into a state-of-the-art School of Sport building at their Headingly Campus.

The Carnegie School of Sport features a 60m indoor athletics track, nutrition teaching kitchen, high performance strength and conditioning facility, human movement research laboratory, two environmental chambers, and a Performance Analysis Lab.

The Brief

Sudlows were instructed to install the entire in building cabling network including fibre backbone to be used throughout the three storey Carnegie School of Sport, supplying two comms rooms and seven comms cabinets.



The Project

Sudlows installed 1,122 Data Cat 6A outlets throughout the building spread over three floors, two Comms Rooms and seven Comms Cabinets.

The Cat 6A cables were installed from the Communication cabinets within the Comms Rooms located on the first floor, to the designated outlets as per the issued drawings agreed upon by the client.

The cables were routed through newly installed basket trays, within risers and cable drops which were secured at critical points with Velcro ties.

We linked the two comms rooms back to the main campus network via 2x diverse fibre routes to each cabinet. These were installed via external ducting throughout the university.

The containment runs from the communications cabinet to point of termination. Once all of the cables were installed, they were terminated, tested and labelled as per the University specification.

Sudlows also installed 69 WAPs within the building.



The Conclusion

Sudlows successfully installed a total of 1,122 data outlets throughout the Carnegie School of Sport. As well as traditional use of data outlets, the installation also allows provides door access, cameras, WAPs, floor sensors and emergency telephone for fire and lifts.

The install will optimise this state-of-the-art, world-class facility to provide a modern teaching and learning facility for its staff and students.



Testimonial

Noel Daly, Network Services Specialist at Leeds Beckett University commented;

“We have been working with Sudlows at Leeds Beckett University for many years now. When the CSS project came to fruition, they were our obvious choice of partner for the network cabling package.

“Sudlows, although working under the main contractor were key during the build and fit-out process, giving us eyes and ears on the ground. They helped bridge any gaps in design and installation processes throughout the two year project.

“As always, their standards of installation have been second to none and we are very happy with the entire installation and hope to continue our working relationship for many years to come.”



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