

University of Roehampton

Network Upgrade

The University of Roehampton has a proud history in higher education, stretching back 175 years through its four Colleges. Through its oldest College, Whitelands, Roehampton has provided higher education to women for longer than any other institution in the country. The University's character derives from this rich history, built on community, engagement and partnership.

Roehampton has a diverse community of 10,000 students from 140 countries and a cosmopolitan outlook, with a large proportion living in halls of residence on its 54-acre parkland campus.

Since 2014, the University has undergone a significant amount of refurbishment and construction, with the objective of providing excellent facilities available for its students and staff. Delivered in phases, the size of the project is not to be underestimated. Phases 1 and 2 have seen a number of new residential buildings built on campus, offering over 500 brand new rooms to students. The accommodation delivers a modern living space with network connectivity through both wired data outlets in the room and a series of wi-fi hotspots throughout the buildings.

The network infrastructure interconnecting the rooms and the new buildings is a complex system of both copper and fibre cabling.

Managing the cabling installation was University of Roehampton's Telecoms Manager, Lee Morrison "Each individual room has 2 data points, each floor has a hall phone and a wi-fi hotspot which are cabled through to a small comms room on each floor."

Across phases 1 and 2 there are over 2000 data points installed. Phase 2 of the project included state-of-the-art conference suites, fully equipped with HD video, sound and high speed network connectivity.

The cabling within the building is an end to end, high performance Category 6 system manufactured by HellermannTyton. Each building is then connected together with a fibre optic backbone.

Roehampton University chose a category 6 end to end solution, utilising HellermannTyton's Global Patch Panel, LSOH Category 6 cable and their category 6 outlets.

Ronan McGarry, Business Development Manager at HellermannTyton comments,

"The Cat6 solution that's been installed offers both quality and performance and will future proof the network for years to come."

With Phase 2 completed in September 2016, Phase 3 is already being discussed and planned for with a view to commencing in early 2017. Phase 3 will see a complete refurbishment to the library facilities at the University including the installation of a new networking infrastructure with approximately 750 data points.



Case Study

With more phases likely after the Phase 3 library project, the working relationship between the university, HellermannTyton and the distributor, NBM has been the key to ensuring the successful delivery of the network installations on time.

Lee Morrison concludes,

“Working closely with Ronan at HellermannTyton and Andy Moss at NBM we were able to get pricing support on the products.

The pricing support along with excellent service and good stock availability were all important factors to specifying HellermannTyton into the project.”



About HellermannTyton

Founded in 1988, HellermannTyton Connectivity is an established leader in the design, development and manufacture of innovative network infrastructure solutions for both LAN and WAN environments.

The company offers a broad range of quality, high performance structured cabling products including Deca10, the Category 6A solution; the unique pre-terminated, 'plug & play' RapidNet system and a full range of market leading closures for Broadband applications incorporating the patented Cablelok mechanical seal.

Based in Northampton, UK, the company is part of the global HellermannTyton Group, with operations in 39 countries worldwide.

For more information visit www.htdata.co.uk or www.hellermanntyton.com

About NBM

NBM Technology Solutions Limited was established in 1988, based in Kings Langley, Hertfordshire, to service the growing demands of the computer network market. NBM's key commitment now, as it was when the business started, to their customers is to provide the highest level of service within their markets.

NBM's continued growth has confirmed that they have got this right, and by providing the service that their customers need and expect, NBM have grown their business to over £9 million per annum. In 2013 NBM Technology moved to new larger premises in Eastman Way, Hemel Hempstead, Hertfordshire.

The dedicated NBM team supplies products to data cabling installers, IT professionals and end-users across the UK, and more recently, have been supplying the United Nations in several parts of the world.

About University of Roehampton

The University of Roehampton is committed to ensuring that all of their students, regardless of their background, fulfil their potential. They become the kind of graduate that employers value: a confident, critical thinker; adaptable, able to work well with people from all walks of life and with an ongoing passion for learning.

The Roehampton character derives from its rich history, built on community, engagement and partnership. Students are supported to reach their full potential, through a diverse and dynamic range of courses. The University prides itself on providing students with high levels of contact time with excellent teachers working at the cutting edge of their subject areas. Career skills are central to all of the degree courses, which are designed to help the students become successful graduates.

