

## Nottingham Trent University

### PR Power Installations connects Super Lab Technology

In 2012, the Rosalind Franklin building opened its doors to the students of Nottingham Trent University. Opened by Sir Robert Winston, the technologically advanced education Super Lab based in the Rosalind Franklin building features leading edge technology for students and staff to make the most of their world class research and education department.

The Super Lab will give students extensive access to technology and houses high-specification laboratories and equipment in support of chemistry and bioscience teaching and research activities in the University's School of Science and Technology.

In order to support the technology available in the Super Lab, it was essential that the network infrastructure installed within the building was capable of performing at the highest levels when needed. With up to 215 students using the building at any given time, the majority using tablet technology to aid their learning, the demands placed on the network would be significant.

PR Power Installations were charged with installing a suitable network infrastructure to meet these demands. The project included over 300 points to labs, offices, meeting rooms and a communal student area.

Using a Category 5e system from HellermannTyton, the project took a team of 4 installers between 3 and 4 weeks to complete and test.

The network infrastructure connects all the rooms within the Rosalind Franklin building and feeds back to the comms room where the network connects to a host of switches and University servers.

The network installation by PR Power, provides the backbone to the building and the technology utilised within it.



### 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 Deca 10, 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](http://www.htdata.co.uk) or [www.hellermanntyton.com](http://www.hellermanntyton.com)

### About PR Power Installations Ltd

Established in 1977 PR Power Installations Ltd originally provided electrical services to leading local manufacturing companies prior to commencement in the telecommunications industry in the year 2000. Working with public and private sector clients, the company specialises in optical fibre installations, data/communications cabling and electrical installations.

Now firmly established as an industry leader in the installation of optical fibre and data/communications cabling systems, the company provides high levels of quality and experience as substantiated by third party certification and accreditation with customer confidence further increased with the availability of both product and installation warranties.



### About Nottingham Trent University

Nottingham Trent University is a UK-leading research and science institution with over 24,000 students. The Universities' strategy is to transform its learning and teaching environment to create an inspiring and innovative culture. In addition to this challenge, the University needs to accommodate the increasing number of student admissions each year in a way most suitable for the students.

