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# Project case studies

Our ability to work efficiently in the tightest time scales mean we deliver projects on schedule, on budget – and without fail. A cross-section of recent assignments over diverse sectors underscores our track record.

## Infrastructure *Greater Manchester Police HQ, Central Park*

We have been heavily involved in Central Park, Greater Manchester Police’s new HQ, from inception to completion.

The assignment involved installing more than 5,000 cat6a cables containing 11,000 fibres, with 22,000 terminations. We completed the work comfortably ahead of schedule.

The assignment included installation of:

- AV system, satellite, DAB and FM aerials
- Specialised DVI cabling
- 2 voice MDF frames with voice backbones to 14 comms rooms
- 30 fibre backbones from two main comms rooms to 14 comms rooms
- 6 external fibre links to roof top, car park and media car park links
- 120 42u cabs in 18 locations

We overcame numerous challenges during this project, including adjusting our work to changes in building specifications.

We were also responsible for managing customer needs as well as working productively with the main sub-contractors. Any issues were resolved by efficient communication and using innovative approaches to deliver flexible solutions. We did this without deviating from the timescales and by employing techniques that raised productivity.

CTU Central Park said: “We would like to take this opportunity to say a massive thank you to you all. You worked tirelessly and you have provided invaluable support during the move to Central Park. It is a massive credit to you all.”

## Transport *Network Rail HQ – Able Data Milton Keynes*

This major project required the installation of backbone fibres to connect all buildings in the complex, which comprises four identical buildings and two car parks. The buildings are joined by an underground pit system that connects all the communications rooms, located in each building and car park.

Our professional engineers installed blown fibre duct between all the buildings using interconnecting ducts before blowing a 96 core fibre from Building One to the communications rooms in each of the other buildings, then linked the two car parks.

The 96 fibre cable – incorporating 960 fibres in total – was then terminated and tested in one week by three Networx3 specialist engineers.

Darren Sullivan, Director at Able Data Installations, said: “I would like to express

my thanks to Networx3 for the excellent work recently carried out at Network Rail and Conde Nast. It was noticeable how conscientious and flexible your engineers were throughout.”

## Utilities *Thorpe Park, Doncaster*

We completed this four-day assignment in three days – to the total satisfaction of the customer, RFL Limited, on behalf of National Grid.

The work at the Doncaster substation involved installing fibre optic cables between building locations, varying in length from 300 metres to 700 metres.

All cables had to be installed in concrete trenches along with power cables to comply with National Grid specifications that fibre cables and power cables should be in the same trench, but kept apart.

Our four-strong team was onsite throughout the assignment to ensure the cables were installed satisfactorily around the trench routes.

## Renewable energy *Clancy Docwra*

National construction company Clancy Docwra harnessed our specialist expertise after being awarded a contract by Scottish Power to install and maintain a wind farm on the north west coast of Scotland.

We were tasked with the delivery of all fibre optic cabling between each turbine, an assignment involving more than 12 kilometres of micro blown fibre optics on site.

