



Dundrum Town Centre – a full fibre optic network upgrade

The Client:

Hammerson's shopping centres include Brent Cross in London, The Bullring in Birmingham, The Oracle in Reading and the brand new Victoria Gate development in Leeds.

In 2016 Hammerson acquired ownership of Dundrum Town Centre, as one of Europe's leading shopping destinations it boasts 140,000 m² of prime retail and leisure space including 120 shops, 38 restaurants and a 12 screen cinema.

The Situation

Hammerson strives to provide its customers with a secure first class shopping experience by ensuring it has the latest retail technology at the heart of all of its assets. As technology moves on and there is greater demand from a range of technologies (e.g. CCTV, Wi-Fi provision, digital signage, Personalised Shopper App's, access control,) Hammerson understand the need to invest in the "infra-structure of tomorrow" to meet the demands of today and the unknown innovations of the future.

Dundrum was opened in 2005 and at that time the "Internet Of Things" would not have been considered as a critical component of the asset and that it would be vital to its future success – in 2017 the world is a very different place.

Hammerson's latest portfolio addition needed investment to ensure it reached the same high standards as the rest of the portfolio.

The Solution:

CoreTech installed a full fibre network across the entire scheme whilst minimising disruption to critical systems that were reliant on the current infrastructure.



Our combined knowledge of fibre and copper data networking allowed us to improve and extend the site fibre network and install local data cabinets.

After the design was completed, CoreTech were able to install cable ductwork, complete fibre optic cable runs to data cabinet locations and the ongoing copper connection to over 900 data points across the scheme. Also included in the design and installation were 31 data cabinets each with full UPS, 13 miles of fibre and over 30 miles of CAT6a installed.

The Benefits:

With CoreTech's experience of new site installation and retro fitting of systems into established locations we are able to install the most complex systems without disruption to the sites day to day operations.

The Expertise:

- 20 years for system design, deployment and support
- PRINCE2 Qualified Project Team
- Fully Qualified on-site Engineers with CSCS, IPAF, UKATA
- Excel data cable manufacturer approved
- Centralised storage and warehousing facility
- Staging and shipping experts
- Electrical approval to the NIC-EIC standards
- ISO9001:2008
- Online client CRM portal with full ticket tracking and stock function

More Information:

While the concept of IoT within property is straightforward, the planning, deployment, implementation and management of the enabling resources can be a challenging journey through both new and existing physical structure, difficult environmental conditions, numerous construction phases while meeting the latest in regulatory compliance.

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