



FIBRE AND CABLING

FM Conway's new HQ





The Brief

FM Conway delivers the infrastructure services to support, develop and maintain the UK's vital transport networks, built environment and open spaces.

When they relocated their head office to one of Sevenoaks' key office developments in 2016, they required the installation of new Cat6_i structured cabling for the entire building. The three story, 40,000-square foot building had no existing infrastructure and they required a network that could operate at high speed and cope with increasing demands.

The Solution

NCS Technology installed new fibre optic 'backbone' links, with Cat6 data cabling throughout the building. Four distributed communications racks were installed around the building with divergent and redundant fibre optic links between each location and the main server room for maximum resiliency. The OM4 fibre cable is 10GbE capable and fusion spliced with LC terminations.

Benefits

FM Conway's new head office now has a solid network infrastructure that can support the demands of its 250+ employees and the technology associated with state-of-the-art buildings today, including IP telephony, CCTV and Wi-Fi. The fast, reliable, and secure structured cabling foundation ensures an ability to cope with future requirements.

"Resilient fibre links provide us with the confidence that if we ever had a cable break in a specific area, our operations would not be affected." – Matthew Chapman, IT Engineer, FM Conway

In addition to providing the network infrastructure at FM Conway's new head office, NCS have also carried out fibre and cabling work at their Dartford, Erith, Heathrow and Chelsfield sites.

"NCS engineers are flexible and accommodating. We had a site outage once due to an accidental cut fibre optic link and the team attended within 24 hours to repair. I fully trust the NCS engineers to complete the agreed work to a high standard, and the included warranty for cabling works completed, provide assurance we will be looked after for years to come. "