

CDI Group Client:
Mitie Engineering
Project Value:
£200,000:



The Project:

CDI Group were contracted by Mitie Engineering to install the Cat6 & OM4 Fibre IT Infrastructure for John Lewis at the new Birmingham New Street department store.

CDI Group provided a complete IT cabling infrastructure including Installation, testing and patching of a:

- CommScope Systimax Category 6/OM4 Fibre Optic Structured Cabling System to support:
 - John Lewis Data Network
 - IP Security CCTV
 - IP Telephony
 - RF Wireless Network
- CDI Group are a CommScope Partner allowing us to install and warranty CommScope Structured Cabling Systems
- CDI Group invest in the latest CommScope training resulting in CDI Group engineers and Project Managers having the latest CommScope training certification
- CDI Group employs all of our installation engineers and Project Managers with each having CSCS cards and IPAF/PASMA certification
- CDI Group invests in the latest Fluke DTX 5000 cable analysers, copper and fibre termination and testing equipment which are all calibrated and have the latest software versions





The Solution:

- The new John Lewis Birmingham New Street department store opened in September 2015 and is over 7 floors. There are 8 communications rooms all linked to the main server room each connected via CommScope OM4 LazrSPEED 550 / 12 core diverse routed fibre optic cables.
- CDI Group installed over 50000 meters of CommScope Category 6 UTP LSZH cabling to over 800 data outlets
- 100% testing of all CommScope LazrSPEED 550 OM4 Fibre Optic and Cat6 copper cables with calibrated Fluke DTX 5000 cable analyzers in accordance with the JLP IT standards
- On completion CDI Group CAD team provided as installed O&M manuals indicating all Fibre and Cat6 copper cable routes, outlet positions, numbering convention, cabinet layouts, fibre & copper cable test results and the CommScope 25 year warranty certification



Conclusion

This was a very successful project, delivered on time and within budget, meeting and exceeding the client's expectations. John Lewis has a Structured Cabling System installed by CDI Group and warranted for 25 years by CommScope one of the world's leading cabling manufactures.

