

Case Study

Project Telecom

Project Telecom are one of the leading UK independent provider of telecommunications services.

The group supplies a rapidly growing base with a wide range of telecommunications services which are sourced from a variety of network operators and carriers.



Grainger Electrical Services Ltd was entrusted to provide a complete design and installation package for the electrical building engineering services.

- The project comprised of the following:
- Provision of an 11KV/400V substation
- Main low voltage distribution board
- Main and sub-main cables together with final distribution boards
- Automatic mains failure diesel engine generating equipment
- Uninterruptible power supply (UPS)
- Power distribution utilising under floor bus bar system
- Internal lighting and energy efficient controls
- External lighting and energy efficient controls
- Emergency lighting
- Fire alarms and control installations
- CCTV and intruder system

The internal lighting was designed to the latest CIBSE lighting guide LG3: addendum 2001 and incorporated the latest automatic daylight dimming controls, giving maximum efficiency and energy savings resulting in substantial cost savings to the client and reduction in carbon foot print.

The entire installation was designed, specified and drafted in-house using the latest lighting design and industry standard cable design software with completion of works on budget and on time.



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