

DESIGN & INSTALLATION SERVICES

Electron offers a range of design and installation services that can take your network from a concept to a reality. With in-house staff specialising in a range of different disciplines Electron offers the one stop shop for all of your communication infrastructure requirements. We follow a proven step by step process for delivering our cabling infrastructure projects:

Free Consultation

With BICSI Registered Communications Distribution Designer (RCDD) qualified staff, Electron can assist in assessing your communications infrastructure requirements. Our approach will look at not only your immediate applications but will also take into account future requirements, future growth of your organisation and possible technology changes which would impact upon your cabling needs. Considerations like type of equipment, resilience and redundancy will be factored into our ROI analysis. Our comprehensive design capabilities are recognized by many as among the best in the country.

Site Surveys

Electron estimators are available to compile a comprehensive analysis of the building/site layout and any factors that might affect the ultimate solution. Where new builds are involved 'take-offs' are obtained from the blueprints rather than from a site visit. Factors such as structural layout of the complex, building regulations and H & S issues are among the conditions that will be incorporated into the final design. Information gathered in the site survey will be incorporated into the proposal document.

Complex Network/System Design

Where the requirements involve more than cabling, your network will be designed by an RCDD with many years of complex design experience with various types of cabling installations. Our designs can integrate voice, data, video, public address, CCTV and wireless disciplines with the latest design specifications and requirements. Our infrastructure design capabilities range across a broad spectrum of commercial applications including large data centres, campus environments, MOD sites as well as all of the traditional office environments.

Enabling Works

Our capabilities allow us to perform many activities, which may be required before the 'real' job begins. This could include, for example, installing cabinets, diamond drilling, civil works, containment and UPS installations.

Infrastructure Installation

We can install a wide variety of transmission media including copper, fibre optic, twisted pair, base band and broadband as well as associated components. We also install a variety of complimentary products and services, including wireless and FSO applications, wireless hotspots, intelligent patching solutions and Netbotz security products, to name but a few.

Testing

Electron tests and certifies **every** link in **every** installation to ensure standards and warranty compliance.

To find out more about our design and installation services call Electron on **0870 011 5456** or visit our website at www.electron.co.uk and click 'services'.

