

**In today's world of ever increasing data transmission rates it is often easy to overlook the importance of the voice cabling and its interface with the rest of the cabling system. Ask any business manager which is more important, voice or data, and they will invariably tell you that voice is the most critical as, without this, an organisation cannot communicate with the outside world.**

Electron have been installing cabling infrastructures since 1988 and, prior to this, the company's founders were working in the voice cabling arena. Our voice cabling installation portfolio includes:

- CW1308 multi-pair telephone cables
- Test Jack Frames (TJFs)
- Distribution Frames and Cabinets
- Box Connections
- Connection Strips
- Accessories

The voice cabling often provides the interface between the Private Automated Branch Exchange (PABX) and the structured cabling system. To facilitate ease of management Electron can present your PABX extensions on 25 or 50 port RJ45 patch panels so that voice services can be easily patched through to the appropriate work area outlet. Where workers are spread across multiple floors of a building or multiple buildings of a campus then Electron can provide multi-pair backbone cables to link the various work areas.

Where voice services are operated separately from the data cabling Electron can install and maintain traditional block wiring solutions, thus extending the life of these cabling systems and maximising their Return on Investment (ROI).

For those companies looking at voice and data convergence Electron offers Voice Over IP (VOIP) solutions. We can supply all of the equipment, including handsets powered over the network (Power Over Ethernet), and configure your solution to ensure optimum Quality of Service (QOS).

Electron place a high priority on delivering the best and most cost effective solution to meet your infrastructure needs. We have three BICSI RCDDs (Registered Communications Distribution Designers) who have received extensive, independent training on all aspects of network design and implementation. All of our engineers are BICSI and/or City & Guilds qualified. All of our procedures are regularly audited and updated and the company has ISO9001 accreditation.

So, whatever your voice cabling requirements Electron has the capability to offer the highest levels of performance, quality and support, all at a cost effective price.

To find out more about communications cabling infrastructures call Electron on **0870 011 5456** or visit our website at [www.electron.co.uk](http://www.electron.co.uk) and click 'cabling'.

