

Data and Voice Cabling

Reli Communications are able to provide you with the communications cabling you need to make your business work.

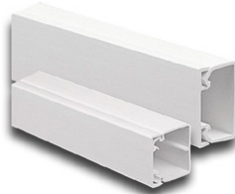
We are registered installers of Nexans data cable and also work with a wide range of suppliers to suit our customers' needs. Our product portfolio includes Nexans, Excel, Krone and Hellermann-Tyton.



Installations can be as simple as a new telephone outlet, right up to a flood-wired office using a structured cabling system.

Neat cabling is a very important factor in new installations, both to be aesthetically pleasing, and for reliability.

Under most circumstances, all visible sections of cable will be contained in white, PVC trunking or conduit. We use Marshall-Tufflex trunking for the majority of our installations.



When cabling is contained above ceiling height, it will be supported by basket in large installations, or using nylon cable ties and the relevant hangers.

Cat6 cabling is used in high speed applications and therefore the guidelines for installation are tighter. We will use either Velcro or Mille-ties to support Cat6 cabling.



In the UK it is now the responsibility of the building owner to ensure fire safety rules are adhered to. Unless the customer specifies otherwise, Reli Communications will use Low Smoke, zero Halogen (LSOH) cable. In the event of a fire, this cable produces a lower amount of smoke, and is therefore less harmful to occupants of the building.



Many modern buildings will have fire barriers in place, especially above false ceilings, which is where the majority of communications cable will be run. It is very important that when cable penetrates these barriers, they continue to stop the spread of smoke and fire.

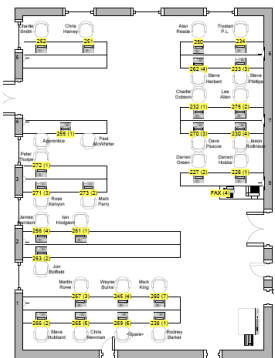
We will use either intumescent pads, pillows or caulk to ensure a fire barrier is maintained. Each time this takes place, we will provide a certificate to show the barrier has been re-sealed.

Documentation is vital for any installation. Our website contains a customer portal where any documents relating to an installation are readily available to the customer.

We make cable certificates, layout diagrams, invoices, quotations, product manuals and downloads, all available on this site.

Downloads are shown against the relevant job number.

This service is free to all our customers.



Moving to a Structured Cabling System...

Reli Communications can help you to migrate to a structured cabling system, if you currently have separate sockets for your computers and telephones.

This system is a great money saver in the long run. If you regularly have people moving desks, you will probably be paying a telephone engineer each time to move the extension numbers.

Structured cabling allows your own staff to make these changes, saving you the cost of an engineer call-out fee. Telephones are connected using an adaptor. Therefore, you just have data sockets installed in all your offices, and then change the use of a socket, as and when you need to.

There are many other uses for structured cabling including CCTV, video conferencing, and sound / video distribution.

Many companies are now moving to a Voice over IP telephone system. These enable calls to be made over the data network and on-to the Internet. A user can simply unplug their phone and plug it in to any data outlet in another office, taking their extension number with them. It is even possible to take your phone home with you, or to your hotel room, so long as your network is configured for such a setup.



Other Services Available...

Our installation services don't just stop at cabling. We can also provide the following...



- Cabinets and cable management

- Network Hardware



- Wireless Networking



- Telephone Systems
 - VoIP Handsets
 - Hosted Telephone Services
- Sound and Video Equipment

Please call or email us for further details on any of these services. Alternatively, you can download a brochure from our website.