

Flexible Floor-box Installations

Today's office environments must be flexible enough to cope with many changes of usage and occupancy during their lifetimes. Any design feature that increases such flexibility should be considered.

A building refurbishment project required the relocation of floor-boxes containing power, data and telecom outlets. A survey of the under-floor services revealed a complex, untidy and inflexible installation of cables that precluded relocation of the existing floor-boxes. The untidy nature of the installation also presented the risk of disturbing unidentified and potentially live cables.

The existing cabling was removed and new floor-boxes provided, utilizing existing equipment where possible. Each floor-box was provided with flying leads such that it could be relocated within a 3-meter radius. Future relocations can now be achieved by simple rearrangement of floor tiles, minimizing the risk associated with disturbing potentially live cables.



Plan View of Floor-box installation



Under-floor View of Floorbox Installation

Benefits:

- *Ability to relocate power, data and telecom services quickly and easily in response to changing space usage.*
- *Relocation can be carried out by a single contractor; no need for separate electrical, data and telecom contractors.*
- *Improved safety during future relocations due to minimized disconnection and re-terminating.*
- *Safety is improved through simple, tidy under-floor wiring.*

For further details contact Barry Wright on 01925 726661