



SWITCHGEAR REPLACEMENT LONDON

Our client, a high-end department store in London, required a replacement of existing switchgear and distribution services that supplied till services and emergency lighting across the whole building. Our key challenge was to provide a continuous uninterrupted electricity supply for the trading floors of the store whilst maintaining existing operation. The project was successfully delivered without affecting any of the critical business systems.

Supply for the new electrical equipment had to be installed across five floors by utilising two busbars and creating a route through an existing shaft which required a major renovation. On every floor, a 2 hour fire rated riser was formed around the existing shaft. To successfully create the riser, extensive yet sensitive building work was required, including structural steelwork, core drilling and temporary and permanent fire separation to provide a space for the new busbars, switchgear and electrical distribution through all floors. This presented both logistical and access challenges due to live legacy services still in operation within the work areas.

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