



Old Relay Based Controller

Lift Modernisation in Canterbury

Like many medieval cities, Canterbury has a mixture of historic and modern buildings, many of which are in close proximity to each other. Recently, Jackson completed a lift modernisation in a large 1970s, three-storey office complex. The building is located in a part of the city close to the remaining timber-framed 16th and 17th century properties, cobbled streets and the 6th-century Norman cathedral, which has UNESCO world heritage status.

Jackson is very proud that for some time, we have been successfully maintaining this building's essential lift that was installed well over four decades ago. As the operational service life of the lift had passed several years ago, our customer decided that now was the right time to modernise. The principal objective was to improve the performance of the lift and to bring it up to date with current safety legislation.

As a result, Jackson was asked to provide a detailed estimate for the modernisation work required and a proposed time scale. To help with this, one of our Sales Engineers visited the site to undertake a technical lift survey. Following on from this, we submitted our estimate for the works and shortly after, received confirmation to proceed.

One of our Repair and Modernisation Supervisors then made direct contact with our customer to agree on a start date. With the date agreed, local Jackson engineers removed the traditional traction equipment, relay-based lift controller, old shaft wiring and other ancillary equipment. They then installed a new top drive motor, lift controller, shaft wiring, landing and car door operators and safety edges, car operating panel and landing pushes.

The modernisation was undertaken in a fully operational building, with our engineers taking extra care to minimise inconvenience to the employees and visitors who use the building.

This type of comprehensive modernisation not only enhances the lift's performance and reliability but also incorporates many state-of-the-art safety improvements, including protection against unintended and uncontrolled car movement.

With the modernisation completed, we fully tested the lift prior to returning it to full service, having significantly extended its lifespan and ensuring compliance with current health and safety regulations.



Old Relay
Based
Controller



New Controller



Old Traction Motor



New Traction Motor



Old Lift Car Top



Modernised Lift Car Top