

CASE STUDY NO.2

Sector: Commercial (Office Accommodation)

Client: National Insurance Company

Location: Glasgow City Centre

Contract Duration: 8 weeks

The Project:

Works at Wellington Street (Glasgow) comprised the replacement and renewal of existing fluorescent lighting & emergency lighting systems and associated centralised control system. Also included was the re-wiring and re-allocation of existing raised access flooring boxes to suit new layouts, plus installation of Audio Visual (AV) infrastructure for new cellular offices.

The works were spread across 3no. floors.





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Service Provision:

- Identify, isolate, disconnect and removal of existing lighting and emergency lighting systems.
- De-commissioning of existing intelligent, centralised lighting control system. Update to head end graphics.
- Supply & installation of new LED luminaires and emergency luminaires, c/w onboard organic response, de-centralised lighting control system.
- Supply & installation of new wireless type Emergency Lighting Test & Monitoring system.
- Re-wiring and re-allocation of existing raised access floor boxes.
- Testing, Commissioning & Programming of systems and Client Training.



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The Challenges

There were many challenges associated with this project. The primary challenge was carrying out our operations within a live, occupied commercial office facility.

Detailed planning of works was key to ensure our works could be as unintrusive as possible, with system shutdowns scheduled out with normal working hours. Minimising the number of areas in the building which had to be closed for our works was also important to the client.

One critical work activity in this project was manoeuvring old and new materials through the live building to & from the upper levels of the facility. Careful scheduling of deliveries and waste collection was important, given the busy location of the site in the heart of a city centre.



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Our Project Delivery

ELEM worked closely with the principal contractor and the design team to ensure all works were co-ordinated properly and the equipment being installed was to the required specification and client expectations. Our expertise was utilised to execute the works safely, on time, to the client's budget and without defects.

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