

Case Study – Commercial Office

Network Rail

Edinburgh Maintenance Delivery Unit (MDU) Refurbishment

Location

Edinburgh

Duration

24 Weeks

Value

£2.5m



This project involved the upgrade and refurbishment of an existing steel portal framed shed and single-storey extension.

As part of the refurbishment we delivered a complex mechanical and electrical services package, including:

- HVAC installation and AHU
- Building Management System
- Smoke Control
- Relocation of gas supply pipework
- Installation of a new MCCB switchboard
- Small Power
- Lighting including controls, emergency lighting, and external lighting
- Telephone/data installation

- Security Installations
- Disabled WC Alarm
- Fire Detection and Alarm System Installation
- Emergency Voice Communication system
- Induction Loop

Early engagement via a design and build procurement route ensured we worked effectively with the Network Rail Design Team and the appointed services engineers, KJ Tait.

The first of its type, the Edinburgh MDU has helped to reinstate a previously lost sense of pride in the workforce and has set a benchmark for all further MDUs within Network Rail. This project won the 2017 BCO Scottish Regional Award for Innovation. The project incorporated innovative design with construction techniques aimed at delivering a high-quality refurbishment to a BREEAM 'good' rating.