

Case Study Summary - Solution for Data Centres



- Delivered a centralised emergency lighting power solution for a large-scale data centre, enabling testing, maintenance, and battery management without requiring access to critical operational areas.
- Supplied Philips linear LED track lighting throughout the data halls, designed to automatically dim to compliant emergency lighting levels upon mains power failure, ensuring safe means of escape.
- Installed the latest TM Technologie TM-CBM central battery system, comprising main stations and substations, providing resilient emergency power distribution via fire-rated cabling.
- Integrated the Central Battery Unit (CBU) with the Building Management System (BMS), enabling automated testing, monitoring, and reporting to be centrally accessed by the maintenance team.
- Achieved significant sustainability benefits through reduced copper usage and optimised battery sizing, eliminating the need for data cabling to individual emergency luminaires and allowing battery capacity to be based on dimmed emergency lighting levels.