

Case Study Summary - Solution for Critical Access Area



Lighting-Power-Control



- The scope of the project was to provide a central power solution for the emergency lighting requirement for a data centre to allow the required testing and maintenance from another area of the building whilst also removing the need for batteries in critical access areas.
- Linear LED track lighting from Philips for the data hall with all lights dimmed on mains failure to levels required for safe escape from the area.
- Central battery main station and substations from TM Technologie providing back up power down fire rated cables. The testing and monitoring of the emergency lighting provided by the CBU.
- Ability of the CBU system to integrate with the building management system (BMS) to allow reporting and testing to be done centrally or off site.
- Project savings realised on the projected use of copper and on the batteries used since no data cables were required to the emergency lights and the batteries could be rated based on the dimmed level of the lighting

