



Company:  
CEF

Location:  
Durham

Sector:  
WholeSale

Date:  
2017

## Powering up the NEW IT Building

Proteus Industrial Switchgear of Telford have worked closely with Desco, award winning MEP electrical consulting engineers to provide the main electrical installation for the new CEF IT building in Durham.

The main switch board fitted with a 1600 amp 3 pole air circuit breaker incorporates Type 1 & 2 surge arrestors giving protection against the effects of lightning strikes (Type 1) and man-made (Type 2).

A 400 amp ATS (automatic transfer switch) is connected to a remote generator in the event of a mains supply failure. The ATS panel also supplies three standalone UPS (uninterrupted power supplies) to supply the data centre essential loads.

The installation is to be monitored by a multi-function meter with RS485 communication.



YOUR ELECTRICAL EXPERTS

“ We manage our own data centres and don't buy off the shelf software or websites, preferring to develop it ourselves to ensure it meets the exact requirements of our business and our customers. ”

Pauline Kirk

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**Installation Materials Division**  
...the name behind the brands

