

### Lehman Bros

**Business:** Financial Services

**Location:** European Headquarters – London

**Contact:** Consultants Hilson Moran – Tony

Lehman Bros wanted to ensure their new European HQ provided minimum risk against unplanned downtime, wherever possible. A particular area identified as critical risk was power supply. This encompassed the key electrical switchgear, and also the individual desk mounted PDU's.

Hilson Moran specified ExerTherm continuous thermal monitoring system, as the method to minimise this risk on the distributed power supply for the 47 story building. Over 2,000 monitoring points were identified as being of "critical" importance. Qhi worked with the consultants, client, contractor, & panel builders to determine the most cost effective solution.

This included IR sensors monitoring key breakers within switchgear enclosures on 3 different levels of the building ( basement, 7th, & 35th floors). Additionally, air temperature sensors were embedded in the small desk mounted PDU units, as these were too small to accommodate IR sensors.

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The whole system was then integrated into a new ABB power management system, which involved Qhi also providing integration expertise to ensure smooth and accurate data transfer into the ABB system.