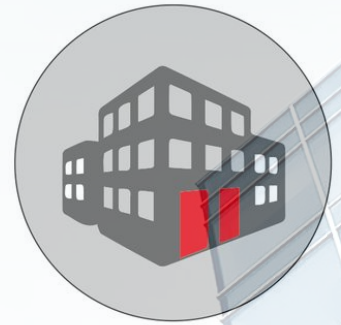


BACKGROUND

A multi-site organisation with circa 100 offices nationwide employing 4,000 employees. The organisation has launched a UK wide estate wide management programme with the ultimate aim of driving a sustainable carbon reduction programme.



SUMMARY OF SURVEY FINDINGS

The facilities are limited to metering on the incoming feed with no granular monitoring of power consumption. As a result of the COVID pandemic, there is a driver to monitor the quality of air and the associated equipment (HVAC). At the same time, senior management are keen to 'benchmark' buildings and optimise power and energy usage against footfall.

SOLUTIONS OFFERING

- Non-invasive monitoring of building circuits
- Power quality metering and monitoring of Incoming feeds
- Site wide N-GEN management reporting to provide summary dashboards, real-time and date driven reporting
- Instantaneous alerting and alarming against user defined thresholds for all monitored parameters
- Consolidation of Utilities reporting including Electricity, Gas, Water and Fuel Oil
- Granular monitoring of air quality and other environmental conditions

BENEFITS TO THE CLIENT

- Due to a lack of space in the legacy buildings, granular monitoring of the building circuits was achieved utilising an easy to deploy, compact monitoring system which centralised data collection into a single client view
- The installed measuring sensors offer the benefit of non-invasive installation
- Simplified infrastructure architecture utilising a master/slave monitoring arrangement connected between floors using a single cable routed in the building riser
- Optimisation of power usage and power quality to meet carbon/energy reduction commitments and business KPIs
- Achieving an average first year reduction in energy usage of 10% per location
- Simplified, date range driven reporting for CSR and legislative compliance

Case study reference: EST_COMBD_1005