Case Study:
Multi-Use Commercial Real-Estate

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At a Glance

Location:
London, United Kingdom

Size:
2,323 m²

Space:
77% occupancy, six floors with rooftop and basement, a variety of flexible work spaces

Initial Status: Main plant is approximately 12 years old, a high volume HVAC related temperature and control issues present, no functional energy meter present, abnormally high energy spend with no insight to root cause

Project Goal: Optimize energy usage, increase operational efficiency, improve analytics & reporting, integration of third party sensors and Building Management System (BMS) to enable centralized management from one platform, and increase health & well-being in accordance with WELL building standard.

Solution Implemented: 1 CUBE controller, 1 TRIA gateway, Sensors Kit, Electricity Meter, Integration with Trend BMS, integration of third party sensors (AWAIR & DT) via API

Result: increased overall visibility of sitewide equipment and operations, addition of online indoor air quality monitoring, improved monitoring for Legionella Risk management, discovery of root cause behind excessive energy spend and gain of accurate metering and monitoring of main energy use in the building, gained occupancy insights to improve space utilization, gained reporting and alerts