



CASE STUDY: Multi-Utility Metering Solution for a High-Rise Residential Development in London

Client: High-Rise Residential Development
(Undisclosed)

Sector: Residential

Location: London

Solution Provided: Heat, Water & Gas Meters



Overview

A prominent residential high-rise in East London required a reliable, multi-utility metering system to accurately monitor consumption of heat, water, and gas across its numerous private apartments and communal systems. The challenge was to deliver an integrated solution that balanced performance, durability, and ease of integration with the building's management infrastructure.

Project Requirements

- Accurate and reliable metering for heat, water and gas
- Compact hardware suitable for apartment and riser installation
- Multi-brand integration within a unified metering framework
- Long-term performance and low maintenance
- Output compatibility with a central data collection system

DMS Solution

DMS Metering Solutions supplied a full suite of precision meters from trusted European manufacturers:

Heat Metering - Sontex: High-performance heat meters were installed throughout the development to support

precise monitoring of individual energy usage and ensure transparent billing for residents.

Water Metering - Apator PoWogaz: Durable, high-accuracy water meters were used to measure both hot and cold water consumption at the apartment level, chosen for their proven reliability in vertical residential settings.

Gas Metering - Honeywell: Compact gas meters were installed in each unit, delivering safe and accurate measurement of domestic gas usage for cooking & heating, with scalable compatibility for larger distribution systems. All meters were delivered pre-configured for seamless integration with the building's data acquisition system, enabling efficient reading and monitoring across all utilities

Results

- Accurate multi-utility consumption data across the development
- Fully compliant with UK metering and billing regulations
- Efficient integration into centralised data platforms
- Enhanced utility visibility for both residents and facilities management
- Future-proof hardware aligned with modern building energy standards

Why Choose DMS?

With more than 25 years of industry experience and as the exclusive UK partner for Sontex, DMS is trusted to deliver reliable metering solutions that meet both performance and compliance standards- especially for critical infrastructure such as industrial food production.