

RF500 Application

Building Management

Precision instrumentation
and monitoring solutions



Wireless Temperature Monitoring

Background

A heating contractor working for a London Borough needed to ensure that the temperature and living conditions of council tenants were at an acceptable level. In order to do this, they needed to monitor room temperatures and make sure that the temperature of hot water pipes for the boiler and water tank were correct.

In order to do this, they wanted to monitor external temperatures as this would provide a guide to enable a check on tenants boiler usage. If the tenant complained that their flat was too cold, heating engineers were able to check the outside temperature back at the depot against the time the complaint was made. With this information they could decide on the best advice to give the tenant.

When investigating complaints that homes were too hot or too cold, the heating engineers used specially made pipe probes which they could attach to one of the pipes leading to the radiator. Using this method they could monitor use of the central heating system, then cross match against the outdoor temperature back at the depot. By comparing the collected data, the heating engineers could tell if a tenant still had the heating on full during warmer weather and advise accordingly.

By using Comark RF500 Wireless Monitoring, the contractors had valid data on which to investigate the complaint with the benefit of no longer having to manually download data.

Benefits

- Accurately monitored temperatures to prove validity of tenant's complaint
- Labour saving on previous method where manual downloading of data was required
- With data viewed from any computer, no access to properties required to monitor collected data
- Engineers found tenants did not tamper with transmitters as much as they had experienced with previous monitoring methods



Comark is a leading international manufacturer of high quality, precision thermometers, pressure, airflow, humidity and pH meters, data loggers and wireless monitoring systems

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