

RF500 Application



Hospital Laboratory Monitoring

Precision instrumentation
and monitoring solutions



Wireless Temperature Monitoring

Background

A healthcare trust relied on a combination of equipment displays, data loggers, chart recorders and manual recording which, in terms of remote blood banks alone, was taking a member of staff 2 hours per day.

The new system needed to be fully automatic, capable of operating 24 hours per day, 365 days per year across four hospital sites with six pathology labs, eight blood banks and a total of 180 monitoring points.

An RF500 system with 14 Gateway units has fulfilled all the customer's requirements. It allows data from all locations to be viewed locally and remotely by different people within the trust and includes an email alarm system for each separate Gateway, as well as visible alarms on each transmitter.

Monitoring points range from -80°C freezers, fridges, cold rooms and incubators, and the system provides almost permanent mapping for super-critical areas such as blood fridges. The robust RF signal has proved effective with no loss of data even across large busy labs fitted with state-of-the-art electronic equipment.

Benefits

- Compliance with MHRA and CPA requirements
- Peace of mind because all areas are alarmed
- No more manual readings, so no human error
- All data available to key people from their own office
- Choice of alarm methods for notification day or night



This is not a system for critical care as a first line of alarms.

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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