

Temperature Monitoring

The Complete Solution for
Chilled & Frozen Food / Product Storage



Automated, Real-Time Temperature Monitoring & Alerts.

Abacus Guardian provides

- ✓ Access from Anywhere
- ✓ SMS Text & Email Alarms
- ✓ Quality Audit Trail
- ✓ Product Assurance



Temperature monitoring, data logging & alarm systems

The Benefits of Abacus Guardian

The food industry continues to demand the highest standards of temperature controlled storage for an ever widening range of products.

HACCP applies rigorous standards to the manufacture and storage cold chain ensuring food safety and freshness.

Detailed, auditable temperature records are a basic requirement of quality control. Effective alarm functions provide stock security and peace of mind

The Abacus Guardian System is currently providing these services to many of the UK's leading food manufacturers and bulk storage facilities.

Industry Sectors

- ✓ Meat / Seafood Processing
- ✓ Fruit Storage / Ripening
- ✓ Flowers / other perishables
- ✓ Distribution Warehousing
- ✓ Ready Meal Storage & Distribution
- ✓ Display Cabinets
- ✓ Serve-Over Counters
- ✓ Delivery Vehicles

The Abacus Guardian system

- No PC software is required; access to the data is via a web-browser from any device in any location with internet connectivity
- Wireless temperature sensors eliminate the need for plant-room wiring.
- Data is uploaded via 3G mobile so no connection to your network (Ethernet is an option)
- Email and text alarms sent to one, or multiple, recipients
- Sensors and users can be grouped into logical, or geographical, clusters
- Secure data storage with access to real time and historical data
- 24/7 monitoring with recording every five minutes
- Fully FSA compliant auditable records

How It Works

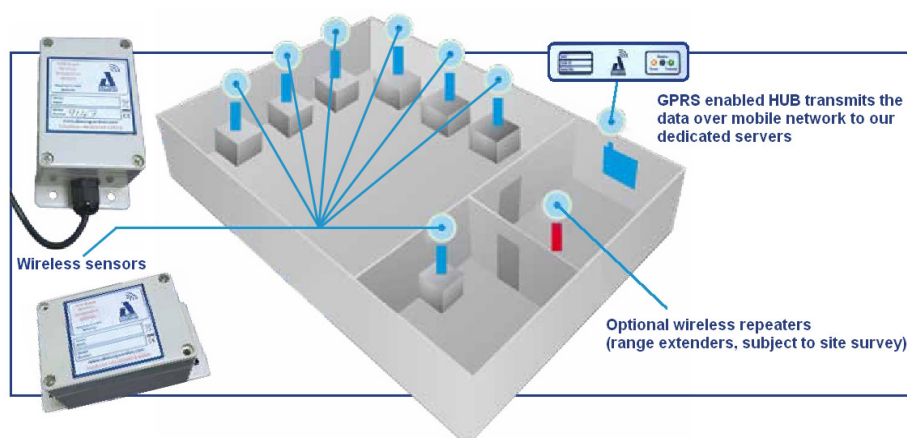
The system uses two main modules:

- Wireless sensors (battery life approximately 18 months, replaceable)
- Base station (Mains powered)

The sensors are located in the areas to be monitored and they transmit data to the base station.

The base station then relays the data back to our dedicated server via 3G.

Our dedicated server correlates the data and provides our customers with a website to manage and view their records and alarms.



Simple to navigate

Once the data has been received it is then checked against alarm parameters defined by the customer. If the values fall outside the defined parameters then the system will send a user-defined combination of email or SMS text message alarms.

The data is also stored and can be accessed using any web browser protected by a unique username and password. The data can be displayed as live or historical data.

You do not require any special software, or a dedicated PC, to view your data.

Detailed Charts

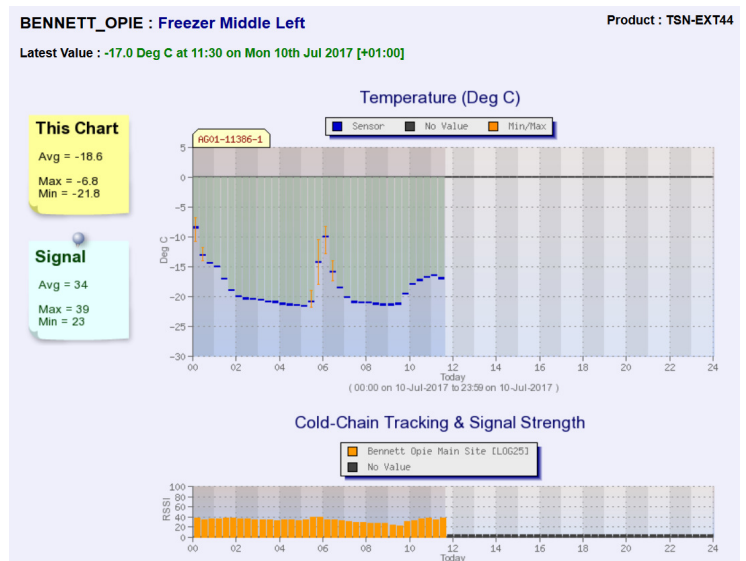
View your historical records, for a chosen timeframe, at the click of a button

Cold-Chain Tracking

Optionally, the system allows you to track your products from manufacture to storage by showing you which base station sent each reading from the sensors.

Other measurement types

There are Abacus Guardian sensors to monitor a host of different signal types.



Call us today to find out more - 01582 528 082

or email us at - sales@abacusguardian.com

