

# Cold Room Temperature Monitoring System



Companies are obligated (sometimes legally compelled) to monitor cold storage areas to preserve quality and maintain consumer product safety standards. When temperature sensitive products and perishable goods are stored prior to final distribution, the storage condition data needs to be recorded and accessible anytime.

The organisations perform manual temperature monitoring which causes a major administrative burden for the maintenance team and is often flawed with a lack of authentication. Industries that adopt accurate refrigeration throughout the entire cold chain, implement a Hazard Analysis and Critical Control Points (HACCP) strategy to manage the cold chain and ensure food safety. Temperature monitoring, recording, and data logging technologies make that job a lot easier and provide an additional layer of protection.



## How it Works

Dialog CTMS is able to monitor temperature and humidity conditions in cold storage facilities, walk-in coolers, and commercial freezers to help meet the quality standards and comply with government requirements.

The solution consists of a wireless temperature and/or humidity sensors (and other indicators such as door sensors) and a web-based application for data analysis, to offer a full monitoring solution.

Most crucially, our wireless environmental monitoring solutions are able to send email or text message alerts, if any predetermined thresholds are exceeded; for example, if the temperatures exceed a desired range.

## Product Features



**Wireless monitoring and better local supervision of critical parameters of storage units in real time.**



**Easy to manage/deploy multiple cold-rooms based on preferred hierarchy.**



**Preventive SMS/E-mail alerts resulting in timely action.**



**Reduce costs with 24/7 automated monitoring**



**Historical data collection for better analysis and audits.**



**Able to display the live readings on a large screen**

# Product Benefits



**A number of regulations and processes are mandatory within the cold storage and cold chain industries to ensure safety of perishable goods.**



**Manual documentation processes are time consuming, resource intensive and prone to human error.**



**Warehouse segments can realise cost savings by reducing waste, spoilage and recalls, freeing up employee time by automating manual documentation processes, and wirelessly tracking the temperature in coolers and freezers.**



**CTMS can properly track and record temperatures 24/7, immediately alerting staff of any detected issues.**

# How to Get the Product

Contact one of our sales specialists for a demo session on CTMS. A trial setup can be deployed at the customer's site for evaluation.

For more details:



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