sensed
reassured by technology

COLD STORAGE
MONITORING

RT SmartData's sensed cold storage solution improves product safety, ensures regulatory compliance and optimises costs. Our range of temperature sensors can help identify issues in fridges, freezers and cold-storage environments that would normally lead to damage to valuable stock and equipment and this helps prevent expensive stock write-offs and replacement.

Business Owners need to be able to detect and observe potential problems before they become critical using our tiny wireless sensors for 24/7 monitoring of fridges, freezers and cold rooms.
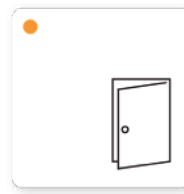
sensed COLD STORAGE BENEFITS:-

- The size and versatility of all our sensors make it possible to monitor many different areas within an operation

- Our tiny sensors are wireless with long battery life, easily installed, are low maintenance and using our 4G SIM-based gateway, no connection is required to existing IT network infrastructure

- Our solution can be specifically scaled to size and function, making it the most cost-effective offering on the IoT market today

- Productivity – replace manual temperature probing and time-consuming paper records resulting in significant labour cost savings.

- Reduces time spent on regulatory preparation

- Simple installation – tiny wireless sensors can be installed without interruption or replacement of legacy systems
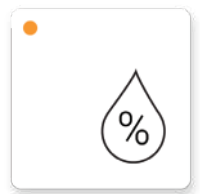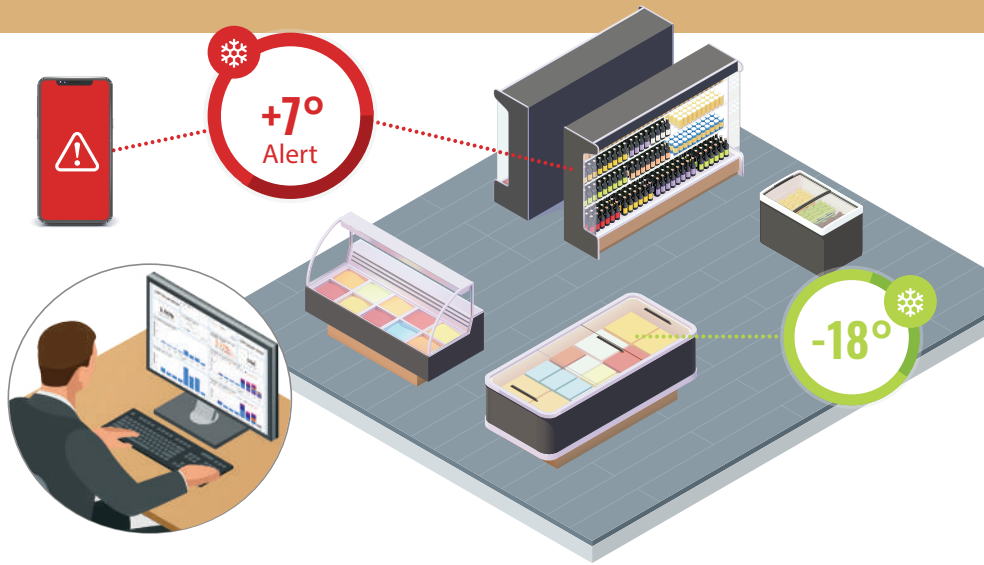
COLD STORAGE
MONITORING

TEMPERATURE

PROXIMITY

WATER

HUMIDITY SENSOR

❄ **+7°** Alert

-18° ❄

Our Power BI dashboards, reports and alerts (both SIM and email) provide real time information to key management personnel, giving a comprehensive overview of the business assets and thereby ensuring fewer interruptions.

Monitoring ambient humidity

By monitoring ambient temperature in key refrigeration and cold-storage units, it gives management a clearer picture of the temperature in real time and alert when temperatures rise above pre-set levels. This gives advance warning of problems before they become problematic for stock integrity or the operation of the units themselves. Our sensed solution improves product safety, ensures regulatory compliance and optimises costs.

Energy efficiency & optimisation

Our sensors help provide visibility into the ambient temperatures within cold storage units and thereby ensure energy efficiency whilst maintaining the required conditions for the stock within. This can significantly contribute towards cost-savings and optimisation of scarce financial resources.

Monitoring secure locations

Our proximity sensors can detect access to refrigeration and freezer rooms and units in retail or other business storage locations. This helps detect doors being left open allowing stock to deteriorate as a result of short to medium-term failure to maintain required ambient temperatures. Alerts can be generated to inform those that need to know so they can carry out immediate corrective action.

RTSmartData Technology

We use the very latest wireless blue chip sensor technology. Our end-to-end solution is easy to install, low cost and zero maintenance. We provide intuitive real-time user interfaces, instantaneous alerts and comprehensive reports to those that need it, in a format they prefer and at the times they require them. Our systems allow business owners to optimise scarce resources, save energy costs, plan corrective maintenance and implement targeted preventative measures.

sensed