# CoolChain AIOT

## Your Partner in Automation and Compliance

A modern solution to ensure optimal storage and transport conditions for cold chain products through real-time monitoring of data. Meet compliance and maintain quality with insights generated from data captured by robust and precise sensors.

## Technologies

### On-Cloud Platform
Access, manage, and store data over the internet.

### Internet-of-Things (IoT)
Smart devices that communicate and exchange data.

### Data Science
Combines statistical analysis, machine learning, and data visualization.

### Artificial Intelligence
Simulation of human intelligence in machines, designed to think, learn and problem-solve.

## Applications

### Product Safety
Ensure product safety with our advanced IoT system. Continuous monitoring and precise control of temperature and humidity levels prevent spoilage and contamination.

### Quality Control
Designed to meet Singapore's stringent regulatory standards. Our system adheres to the guidelines set by the Singapore Food Agency (SFA) and Health Science Authority (HSA).

### Audit Purposes
Simplify audits with automated data tracking and reporting. Our IoT system keeps tracks, which makes it easier to conduct accurate and efficient audits with minimal manual effort.

# Benefits



## Protect Your Goods

A cooling unit malfunction that goes unnoticed over the weekend is a nightmare for cold store managers.

Receive timely alerts to rectify the situation before incurring any loss of products.

Alerts can come in the form of a mobile text, email, and voice call. Anything to get your attention on the cold storage crisis at hand!
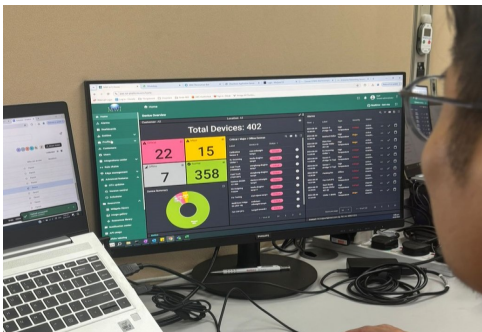


## Scalable Solutions

An IoT system that scales seamlessly with a growing business at minimal cost.

We utilize plug-and-play sensors that are easily configurable and battery operated to reduce installation work.

Along with a robust and smart platform that can integrate with any sensors, we are able to provide a highly flexible solution.



## Enhanced Traceability

Visualize your cold room's data in real time with dynamic dashboards and graphs.

Our IoT solution provides clear, actionable visualizations of temperature trends, power use, device performance and alert notifications to detect abnormalities and manage your cold chain operation.

A solution from **Metropolitan Wireless International.**
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