

Supermarket

Rivercity Innovations Ltd. Case Study

Partner: Local Community Grocery Stores

Your complete temperature monitoring solution!

At a glance

With RCI's Cold Chain Monitoring System, grocery managers have seen a reduction in food waste, increased operational efficiency, enhanced customer service, and improved compliance reporting processes.

OVERVIEW



Record Temperature Readings Automatically



Report Temperature Data Accurately and Schedule to Send Automatically



Receive Alerts Simultaneously when One or More Temperature Breaks Occur

BUSINESS PROBLEM



Current temperature recording processes require employees to manually check and record temperatures from 30 to 100+ fridge or cooler locations twice per day. The data is read from small thermometers, or by using a temperature gun, and then recorded manually by pen and paper. Once recorded, the temperature data is then re-recorded into binders or online documents and stored for at least one year in case of an audit.

The manual method has a few notable drawbacks including:

- Use of valuable & expensive employee time.
- Unreliable data due to human error.
- Inconsistent data from temperature gun readings, which give the temperature of a certain spot instead of the ambient temperature of the refrigerator.
- Greater food safety risk due to a lack of information on how long the temperature has been out of range.



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SOLUTION

Rivercity Innovations' Cold Chain Temperature Monitoring Solution wirelessly reports the temperature of any refrigerator or freezer. This data is viewed from a computer or mobile device and provides current and historical data logs for download. Alerts are automatically sent when a malfunction or out-of-range temperature is detected. The TxH Sensors have a 10-year battery life and simple installation. Our system eliminates the need for staff to manually record temperatures and improves product quality, to protect your customers and your brand.

BENEFITS

1

Automated 24/7 Monitoring & Alert Process

Data is monitored and uploaded automatically, including hours when the store is not open. Alerts occur within 60 seconds of the temperature exceeding the set threshold. Decision makers can access their data any time for real-time insights.

2

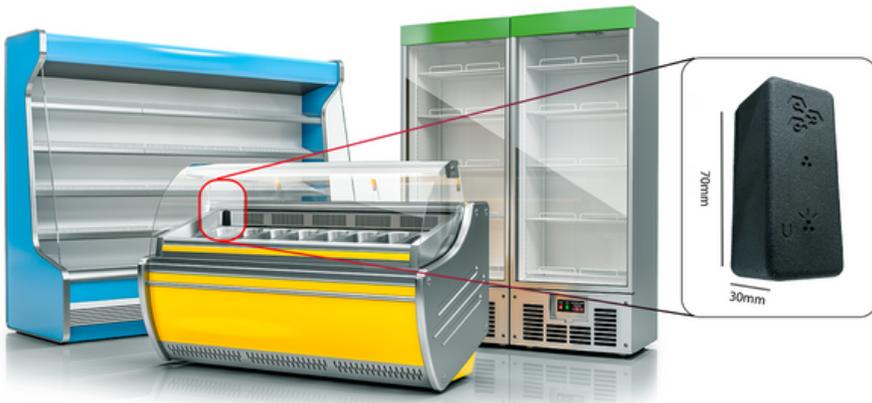
Reallocate Labour Efficiencies

By implementing this automated monitoring system, 365 hours of manager's time can be reallocated to better serve your needs. Saved time can be spent on customer service, to deliver customer satisfaction and build your competitive advantage.

3

Noticeable ROI

A single grocery store will save hundreds of employee hours over the course of one year. Savings in both employee time and related costs lead to a quick and noticeable ROI within the first 6-months of implementation.



TxH Sensor



Online Dashboard