

Temperature Monitoring Solution

Protect what matters



IDENTIFY



LOCATE



SECURE

Monitor the temperature of sensitive materials in real-time.

Have continuous visibility on your environmentally sensitive assets with our **Temperature Monitoring Solution** that allows you to guard against loss and meet compliance.



Talk to us about monitoring your temperature sensitive assets and ensure they are in the best state when patients need them.

Challenges

From vaccines and other medicines, to blood and tissue samples, these all need careful temperature control or the resulting spoilage would deny patients the care they need. A hospital in Prince Edward Island, Canada experienced a gradual failure in a fridge storing chemotherapy treatment, which resulted in the loss of \$465,000 worth of chemotherapy treatments and affected the care of up to 200 cancer patients over 5 months. However, maintaining the correct temperature for different types of fridges and labs can be difficult. Manual temperature monitoring through compliance spreadsheets is labor intensive and prone to human error, while sudden temperature changes are easily missed if they occur inbetween temperature checks.

Solution

The GuardRFID® Temperature Monitoring solution provides real-time readings on the storage of temperature sensitive assets. Our discrete wireless temperature probes are installed on refrigerators or climate controlled storage units and continuously report current temperatures, while the AllGuard® Server software logs these readings and provides reports on the mean kinetic temperature and any temperature variances over time. Alarms can be configured to raise an alarm immediately if temperatures excursions occur.

How It Works

GuardRFID temperature probes are installed inside refrigerators and are connected to wireless transmitters that send this information to the AllGuard Server through the AllGuard Base Station. You can review temperature information from all temperature probes through the Base Station or the AllGuard desktop client software. The AllGuard desktop client also allows you to generate reports to meet compliance requirements.

Achieve **maximum utilization** and **prevent loss** with real-time temperature monitoring

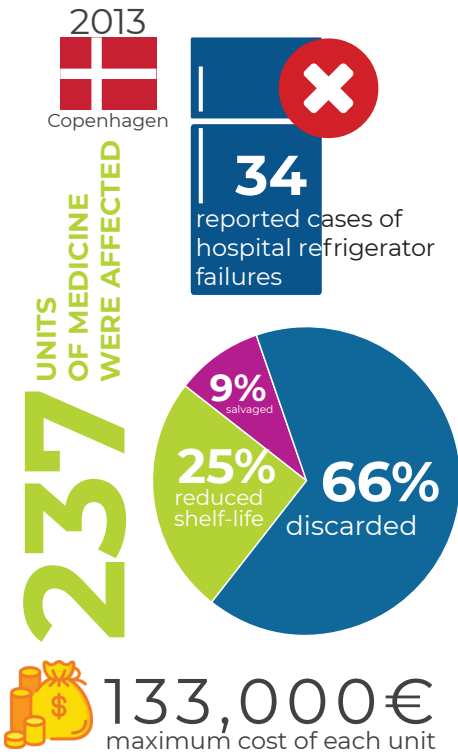
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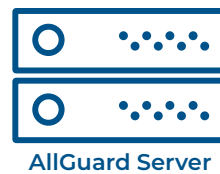
Issues & Challenges



Solution Benefits

- Continuous temperature monitoring without need for manual checks that are prone to human errors.
- Each temperature sensor can be configured independently to monitor for temperature variances in different refrigerators or climate controlled storage units.
- System can raise alarms if temperatures deviate beyond the allowable threshold so that you can investigate and prevent spoilage.
- The system logs the temperature of each sensor over time so you can generate a report on the mean kinetic temperature and other trends that may be appearing in your equipment.
- Easily meet compliance requirements with continuous temperature logs and system reports.
- Configurable reminders to recalibrate temperature probes to meet NIST or other compliance requirements.
- Works in parallel with the GuardRFID RTLS solution that can be used to monitor the location of specific assets in your system.

Temperature data is sent from the refrigerators to the Base Station before it is forwarded on to the AllGuard Server where it is logged in a database.



AllGuard Server



AllGuard Client

From the AllGuard Client, you can see live temperature information and generate reports.



AllGuard Base Station



AllGuard Temperature Transmitters and Probes

A temperature transmitter and probe are installed in each refrigerator or climate controlled unit that needs to be monitored.

About GuardRFID

GuardRFID delivers a robust, multi-purpose, real-time location and temperature monitoring platform that offers superior flexibility, interoperability and performance. With installations around the world, we help organizations achieve the protection, compliance, and efficiencies they require when it comes to what matters most.

FOR MORE INFORMATION: visit guardrfid.com or call us at 1.866.785.7343