

uTrust Sense Temperature Tracker Cold Chain Management Solution

Introducing the next generation of affordable, mobile-ready Internet of Things (IoT) sensor solutions for environmental data capture and cloud-based analytics and provisioning.

Typical Applications

- Supply chain (i.e., traceability and cold chain monitoring for perishable foods or flowers during transportation and storage)
- Healthcare and pharmaceutical (i.e., medical equipment and drugs)
- Government applications
- Smart packaging

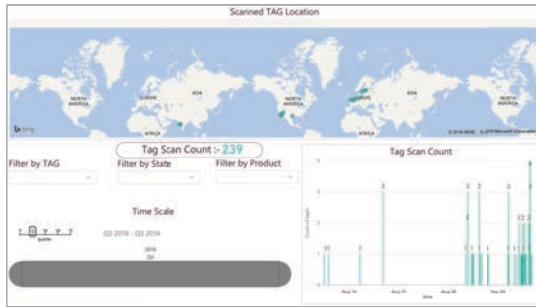
Details

- Trust the temperature history of sensitive products
- Cost-effective
- Can be read by any IoT device (NFC-enabled)
- Bundled with a mobile Android application and cloud platform access for data analytics and eventual risk remediation

Features

- Robust design to prevent damage (approximately 1.7 mm thick)
- Active, battery-assisted, pocket-sized tag
- Self-adhesive backing: Convenient application to any surface
- Custom printed artwork
- Temperature range: -30 to 50°C (-22 to 122°F)
- Battery life: >90 - 120 days after product activation, depending on measurement interval
- RFID chip: Contactless ISO/IEC 14443, readable by NFC-enabled mobile phones
- Thin flex battery
- Log capacity: >10,000 temperature records
- Data logging modes:
 - Continuous logging (default mode, logging all temperatures at specific intervals)
 - Out of limits only and limit-crossing mode (not supported in this version)
- Programmable logging interval (10 seconds to >9 hours)
- Trusted architecture with data encryption and end-to-end authentication with the cloud
- Temperature calibration procedure according to ISO/IEC 17025





Perishable Food Distribution

The distribution of perishable goods (including food and flowers) is subject to strict monitoring in order to guarantee product freshness and quality from the production site to the end user. Tracking the conditions to which perishable food items are exposed as they travel from a field, factory, or farm to a store involves an expensive wired or battery-powered data logger that is accessed only when those products reach their ultimate destination. uTrust Sense Temperature Trackers address existing challenges by using RFID technology to read and easily transmit vital information about the product; by simply using a mobile phone, temperature records are transmitted to the cloud platform for analytics and risk remediation (and eventually, localization). For example, a truck driver could read the data upon dropping off or picking up a product shipment at a distribution center, and a retail store worker could do so at the receiving dock, ensuring freshness at any given point in time.



Identiv's uTrust Sense Temperature Tracker is a solution developed in partnership with Syntel, Enfucell, and NXP. To order, or for more information on this innovative solution or the companies involved, please visit smartlabeldemo.com or call +1 888-809-8880. To activate the tag, please refer to the user guide and download the mobile application by visiting <https://play.google.com/store/apps/details?id=com.syntel.connectone.smartlabel> or scanning the QR code below.

