



thethings.io Cold Chain Solution

A complete Internet-connected Cold Chain for on-line supermarkets

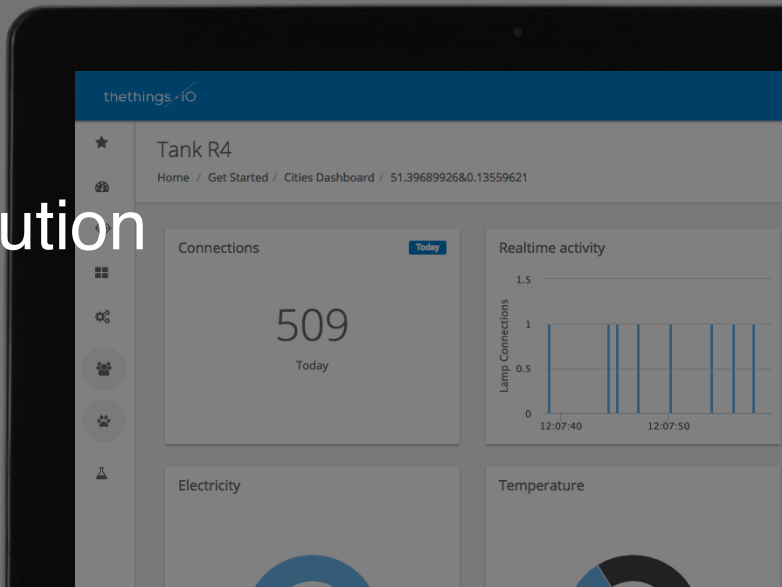
Challenge

On-line supermarkets distributing fresh and frozen food have an interesting challenge to solve during the last mile distribution. One of most interesting on-line supermarket in Spain contacted us. They were delivering usual products, with fresh and frozen food. Nevertheless they were having some cold chain issues related with frozen food. The frozen food was being delivered at normal temperature after some hours of deliveries, complete unfrozen and not at -18°C.

30% of the our frozen food deliveries are happening after two hours of deliveries. Our fresh and frozen food needs to be delivered at the right temperature and quality without breaking any cold chain. We cannot depend on the driver luck.

The on-line supermarket company needed a system that could enable them to monitor and control the temperature and humidity in real-time of their trucks without complex installations, long batteries and working inside a truck at -25°C.

Simple, Scalable Solution



thethings.io have a simple plug&play Cold Chain Solution that converted any truck into a digital asset monitored remotely by our client.

- ✓ What is the current temperature on the truck? and the average temperature?
- ✓ Is this truck with the AC connected?
- ✓ Can I certify, as an online supermarket, that this delivery have been under the right conditions?

thethings.io Cold Chain Solution introduces a low power connected industrial tracker sending temperature and humidity information data every 10 minutes during the deliveries. With this autonomous solution inside the truck, installed in few seconds, it is possible to monitor remotely what is the situation inside every truck of the company in a really seamless way.

See your trucks moving around. Detect the ones with fresh and frozen food without the right conditions in order to contact the drivers, in case an action is required (turn ON / OFF AC, etc.)

Benefits

thethings.io helped understand our problem from the very first minute and helped us to solve an historical problem that we had. The hardware that we used was industrial and it works great in order to solve our problem.

And we not only solved our problem with the cold chain control but also detected drivers working for others (delivering frozen food with temperatures that we don't use to work with) during their journey.

Operations manager

Thanks to our experience and technology, thethings.io clients can manage all their trucks delivering frozen and fresh food reducing cold chain incidents. thethings.io Cold Chain Solution is an extensible concept which also include Excel reporting and real-time notifications depending on specific alarms (e.g. temperature above X degrees during Y minutes)

thethings.io Cold Chain Solution can now benefit from an integral solution operations and logistic departments of food and logistics companies who need to understand their current temperature, in a simple way.

Advantages

Plug & Play

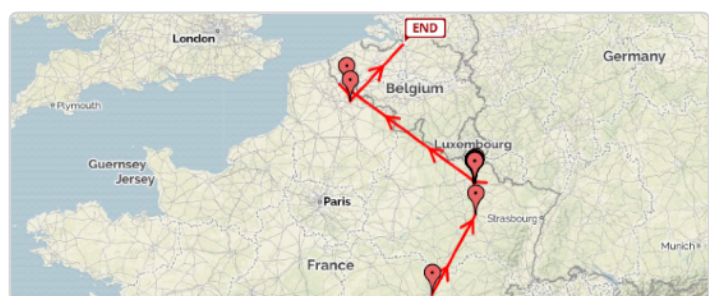
Gather data from trackers inside trucks, fridges or freezers.

Realtime activity



Flexible KPIs

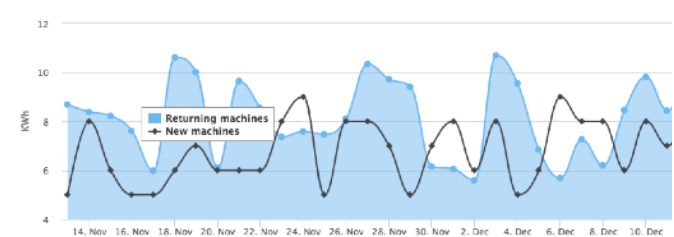
Manage your operations and visualize temperature situation and alarms.



Save money

Reduce operational costs and increase customer satisfaction now!

Monthly activity





About

thethings.iO is the Internet of Things platform that enables fast and scalable connection of things to the Internet, allowing companies to monitor and manage their assets in real-time and get flexible analytic reports.

Get in touch

📍 Passatge Independència, 23
08026 Barcelona, Spain

☎ +34 936 816 891

✉ hello@thethings.io

📌 www.thethings.io