

Antzertech cold chain solution aids in the following challenges and pain points

- How to manage the expiry date and shelf life of the ingredients thus for management to exercise first-in, first-out?
- How to reduce hidden cost (labor and material cost) thus improve shelf life of ingredients?
- How to systematically implement real-time management of storage temp and product shelf life in multiple locations?
- How to lower cost and shorten lead time in implementing cold chain management solution?



Light & Easy Operation

- Small size ,weighs 25g
- Can be shipped with goods or fixed installations
- Various selection of colored buckle for intuitive management



Real-time Management

- Real-time temp monitoring
- Expiry date management
- Event notification and para-meter calibration
- Cloud management



Low Cost

- Subscription based services
- No maintenance cost
- Easy store installation



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B-Fresh Cold Chain Cloud Management System

B-Fresh Cold Chain

Cloud Management System

Antzertech cold chain logistics solution is comprised of temperature sensor, gateway and cloud management system to assist businesses in real-time monitoring of their storage ambient temp, expiry date and establish a database to meet management needs in the distribution, warehousing and retail process of ingredients.

The purpose is to effectively reduce wastage, increase shelf life and improve transportation quality of the materials (food, medicines, and many more).



Vaccine



PDC



Chain Restaurant



Supermarket



Buckle up to monitor temp and expiry date

Unbuckle to stop monitoring

BLE 5.0 temp sensor (ELSA-BT)

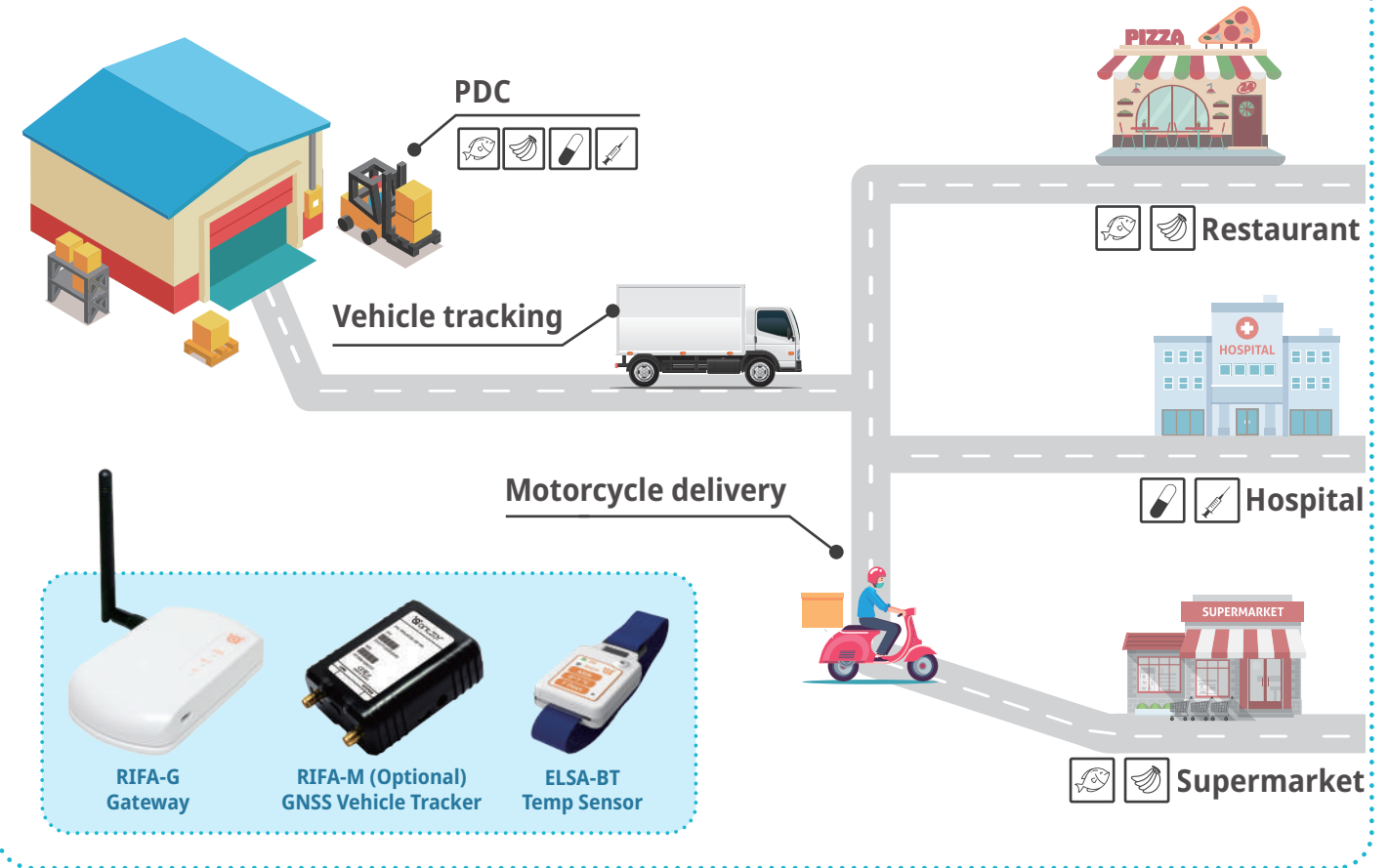
- Bluetooth (BLE 5.0) low energy long range transmission up to 70 meters (open field)
- Battery life cycle up to 3 years
- Plug and play
- IP67 compliant



BLE Gateway (RIFA-G)

- 4G data transmission powered by micro USB
- Transmission distance between sensor and gateway (30 ~ 70 m)
- Can add more gateways in case of signal blockage by walls or floors

Antzertech Cold Chain Logistics Solution



4G Wireless communication

B-FRESH English

Store Management

Store Name	Sensor	Event
New York	8	2
Boston	2 (Signal Loss 1)	0
Detroit	4	4
Las Vegas	3	1
Philadelphia	2	0
Houston	3	0
Seattle	2	0



B-Fresh Cold Chain Cloud Management System

- Real-time Status Query: Instantly monitor the storage ambient temperature and product expiry date, display the collected data as a graph and downloadable if needed
- Multi-store Management : Remotely manage the status of each store's merchandise
- User Management: Set user settings and event notifications
- Temperature Calibration: Provide the correct temperature reading in the cloud and system automatically corrects the parameters