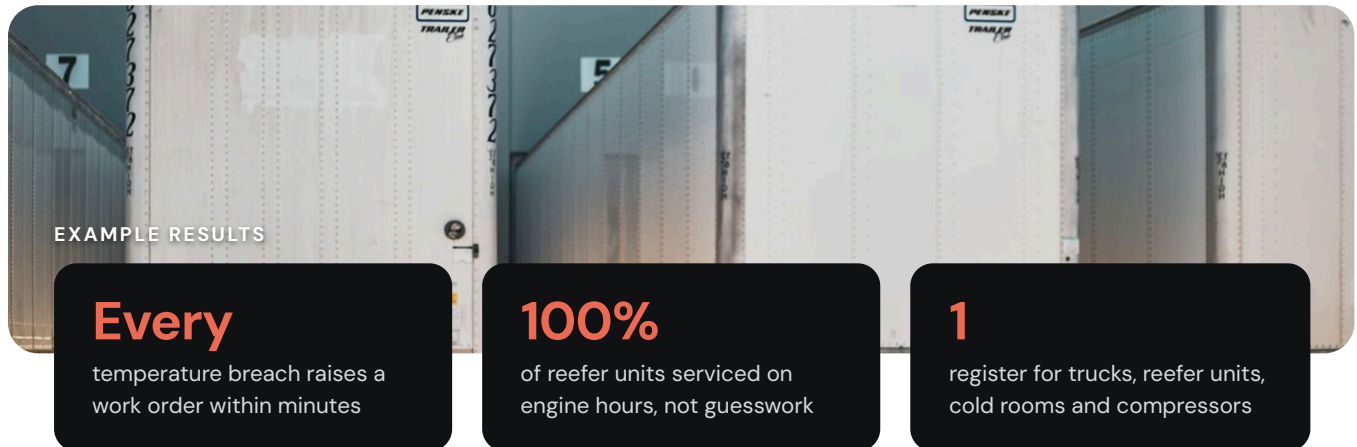


How a cold-chain distributor keeps reefers and cold rooms in range with Asset Infinity

A regional cold-chain food distributor puts its reefer trucks and cold rooms on sensor limits and GPS trackers, so a temperature breach raises work and trucks are serviced by engine hours.



AT A GLANCE

INDUSTRY

Cold-chain food distribution

EXAMPLE FLEET

40 reefer trucks

EXAMPLE SITES

3 depots with cold rooms

CONNECTED

Temperature sensors and GPS trackers

FEATURES USED

Connected

Maintenance

Stores

01 The organization

A regional cold-chain distributor moves chilled and frozen food from producers to supermarkets, restaurants and hospitals. It runs a fleet of reefer trucks and a cold room at each depot.

Its customers reject a load that arrived warm, so the business depends on refrigeration units, compressors and door seals working every day, on the road and in the depot.

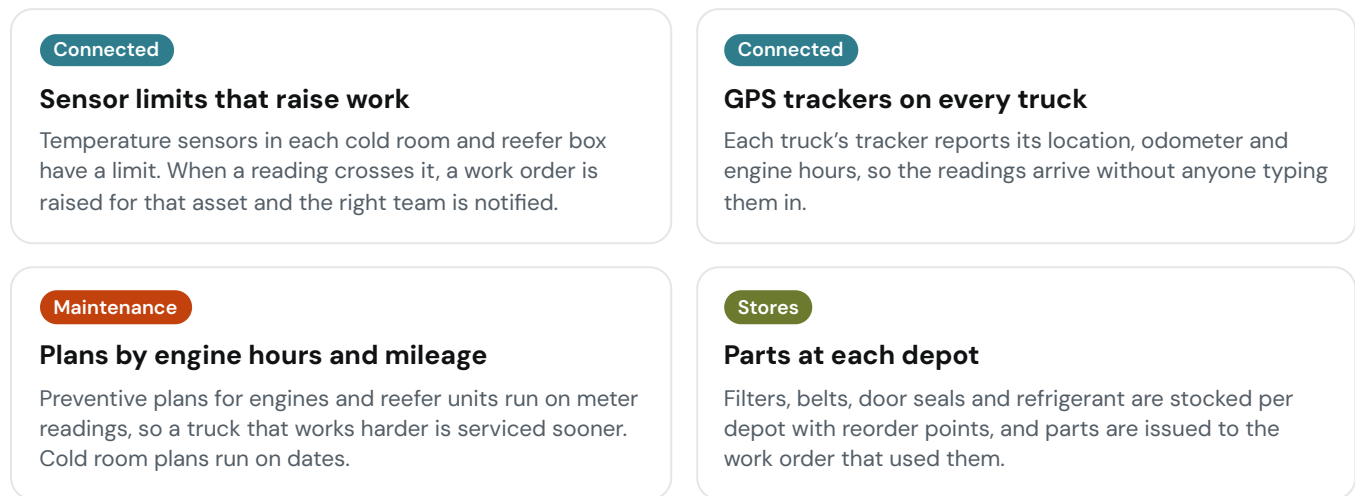
02 The challenge

Temperature problems are found late, often by a driver or a customer. Truck and reefer servicing is booked by the calendar, even though some trucks run twice as many hours as others.

- Temperature loggers are read after the trip, when the load is already lost.
- Cold room alarms sound locally and nobody records what was done about them.
- Service intervals ignore how many hours each reefer unit has actually run.
- Odometer and engine hours are copied from dashboards by hand, when someone remembers.
- Compressor and door seal repairs leave no history to compare units by.

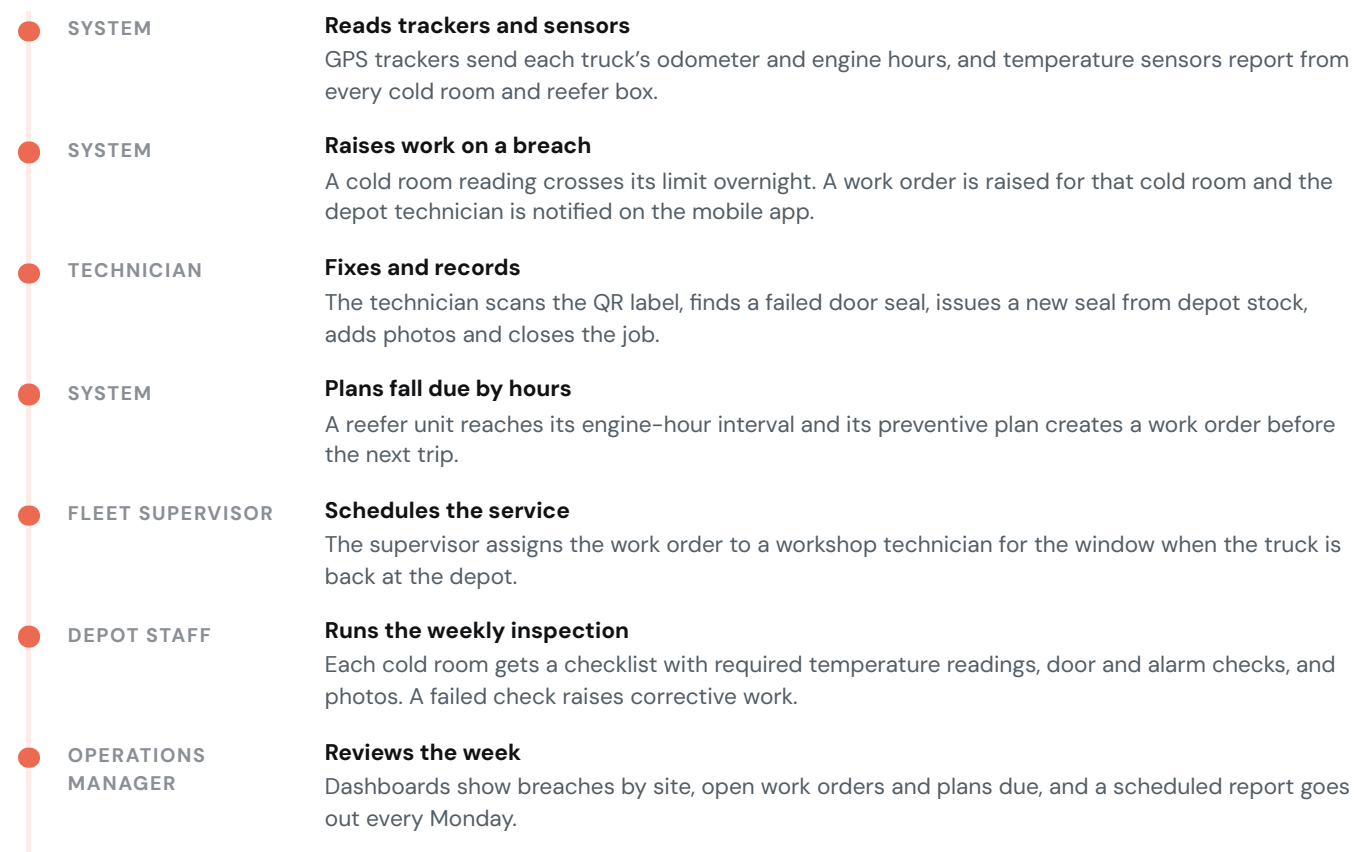
03 How it is set up in Asset Infinity

The distributor connects its trucks and cold rooms to Asset Infinity, so readings drive the work instead of someone noticing a problem.



04 How it works day to day

Here is how a day runs when readings, not phone calls, start the work.



05 Before and after

	BEFORE	WITH ASSET INFINITY
Temperature breach	Found after the trip or by a customer	Raises a work order when the reading crosses its limit
Cold room alarms	Sound locally, no record	A work order with an owner and a history
Service intervals	Fixed calendar for every truck	Engine hours and mileage from GPS trackers
Meter readings	Copied from dashboards by hand	Sent by the tracker
Spare parts	Bought when a truck is already down	Reorder points per depot
Repair history	Scattered across workshop invoices	On each truck, reefer unit and cold room

06 The first month

1

Register and labels. Trucks, reefer units, cold rooms and compressors are imported, and each gets a QR label.

2

Sensors and trackers linked. GPS trackers and temperature sensors are linked to their assets, and a limit is set for each reading.

3

First plans live. Engine-hour and mileage plans start for the fleet, and weekly cold room inspections are scheduled.

07 Example results

- Each temperature breach has a record of who responded and what was done.
- Service dates follow how hard each truck works, not a fixed calendar.
- Weekly cold room inspections record readings, door seal checks and photos.
- Repair history shows which reefer units and compressors fail most often.

08 Why it worked

Time to act

A breach becomes a work order as soon as the reading crosses its limit, while the load can still be saved.

Service by use

Engine hours from the trackers decide when a truck is due, so busy trucks are not left running past their interval.

Proof for customers

Every breach, response and inspection is on record, ready when a customer asks what happened to a load.

09 Looking ahead

With sensors, trackers and plans in one system, the distributor finds temperature problems while there is still time to save the load, and services each truck when its hours say it is due.

The history built up in each asset record shows which units cost the most to keep running, which is the starting point for replacement and budget decisions.

See it on your own assets

A 30-minute demo, set up for a cold-chain or food distribution business.

An example of how this kind of organization runs on Asset Infinity.

Book a demo

Start a 14-day free trial