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SOLUTION GUIDE

Cold chain & food safety

Every fridge logged. Every inspection ready.

Used in: Hospitality · Retail

THE PROBLEM TODAY

Fridge temperatures written up by hand twice a day — gaps, guesses and a scramble before a Dubai Municipality inspection. A compressor that fails after close means stock in the bin by morning.

WITH SUBNETIK MONITORING

Every unit read around the clock, with an automatic HACCP record ready for inspectors. An out-of-hours alert the moment a temperature climbs — an engineer called before stock is lost.

1 HOW IT FITS TOGETHER

SENSOR	LoRaWAN radio	GATEWAY	Ethernet / 4G	NETWORK SERVER	Secure cloud	DASHBOARD	Rules	YOU
TS201		**Milesight UG65**		**LORIOT**		**ThingsBoard**		**Instant alert**
Battery, no cabling		Covers the site		Secure device network		Live view & history		SMS · WhatsApp · email

2 CHOOSE YOUR SENSOR

RECOMMENDED



Milesight TS201

Probe temperature sensor

Best for: Fridges, freezers and cold rooms — the probe sits inside, the sensor outside.

RANGE	BATTERY	RATING	STANDARD
−40 to +125°C	Up to 10 yrs	IP67	EN 12830

OR, DEPENDING ON YOUR SITE



Milesight TS30x

Temperature logger with display

Choose when: You want readings on screen at the unit, two probes per sensor, or PDF reports for audits.

Up to 2 probes · screen · PDF audit reports



Milesight EM300-MCS

Door sensor with temperature

Choose when: Cold-room doors get propped open — alerts on the door and the temperature together.

Door plus temperature · IP67 · 10 yrs

3 WHERE TO FIT IT

1. **One probe per fridge, freezer and cold room**
   Fed through the door seal; the sensor sits outside.
2. **Probe near the door, not against the evaporator**
   Reads what the food sees, not the coldest spot.
3. **Door sensors on walk-in cold rooms**
   Catches doors left open during deliveries.

4 PICK YOUR GATEWAY

SMALL SITE	BUILDING (TYPICAL FOR THIS)	OUTDOOR
UG63	**UG65**	**UG67**
Shop, villa, one floor	Tower, hotel or plant	Community, yard, campus

One gateway serves every sensor on site — confirmed by a short survey.

5 WHAT YOU'LL SEE

Al Seef Kitchen — Central · ThingsBoard · illustrative

- Walk-in freezer 2
- Walk-in chiller 1
- Bar fridge · Lobby
- Pastry chiller

Freezer above −15°C
Walk-in freezer 2 · Kitchen
Assigned to: Duty engineer

FREEZER 2 · LAST 24 H (°C)

⚠ Freezer above −15°C
Walk-in freezer 2 · Kitchen

✓ Back in range by 03:40
Compressor reset, no stock lost.

SMS · WhatsApp · Email

Prove it on your own site

We scope a pilot around this problem and configure everything for you.

Talk to Subnetik

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