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SOLUTION GUIDE

Gas & hazard detection

Know about a leak before anyone walks in.

Used in: Property management · Manufacturing · Hospitality

THE PROBLEM TODAY

A gas build-up in a kitchen, plant room or LPG store is found by whoever walks in first. Bulk LPG tanks are dipped by hand or run low without warning, and nobody has a record for audits or insurers.

WITH SUBNETIK MONITORING

Gas alarms that sound locally and reach HSE and maintenance instantly, wherever they are. Tank levels on the dashboard, with a logged trail of every event.

1 HOW IT FITS TOGETHER

SENSOR	LoRaWAN radio	GATEWAY	Ethernet / 4G	NETWORK SERVER	Secure cloud	DASHBOARD	Rules	YOU
RA02D1		**Milesight UG65**		**LORIOT**		**ThingsBoard**		**Instant alert**
Mains-powered alarm		Covers the site		Secure device network		Live view & history		SMS · WhatsApp · email

2 CHOOSE YOUR SENSOR

RECOMMENDED



Netvox RA02D1

LPG gas detector

Best for: LPG kitchens, plant rooms and gas stores — sounds an alarm on site and alerts your team.

DETECTS	ALARM	POWER	RATING
LPG from 500 ppm	85 dB sounder	12 V mains	Indoor

OR, DEPENDING ON YOUR SITE



Netvox RA02C

Carbon monoxide detector

Choose when: Boiler cupboards, car parks and generator rooms where carbon monoxide is the risk.

Carbon monoxide alarm · battery, wire-free



Watteco Lev'O+

LPG tank level gauge

Choose when: Bulk LPG tanks — reads the existing dial so refills are ordered before the gas runs out.

Reads your existing tank dial · ATEX Zone 1

3 WHERE TO FIT IT

1. **Low down near LPG appliances and cylinders**
   LPG is heavier than air and pools near the floor.
2. **CO detectors in boiler and generator rooms**
   At breathing height, away from vents.
3. **Level gauges on every bulk LPG tank**
   Fits the existing dial — no changes to the vessel.

4 PICK YOUR GATEWAY

SMALL SITE	TYPICAL FOR THIS — BUILDING	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

Palm Hotel — Back of house · ThingsBoard · illustrative

- Main kitchen · Manifold
- Staff canteen · Hob
- Boiler room · CO
- LPG tank 1 · 64%

● LPG detected
Main kitchen · Gas manifold
Assigned to: HSE & Duty engineer

ALERTS · LAST 30 DAYS



⚠ LPG detected
Main kitchen · Gas manifold

✓ Isolated in 6 min
Valve fitting replaced, area cleared.

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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