sub:net/k

SOLUTION GUIDE

Indoor climate & air quality

Comfortable rooms, protected stock, no mould.

Used in: Property management · Manufacturing · Retail · Hospitality

THE PROBLEM TODAY

A cooling failure in a July void grows mould within days. A stuffy meeting room or warm guest room becomes a complaint, and summer heat quietly degrades materials and stock. Nobody knows until someone opens the door.

WITH SUBNETIK MONITORING

Temperature, humidity and CO_2 tracked room by room, with an alert as conditions drift — a contractor booked before the tenant, guest or QA team notices.

1 HOW IT FITS TOGETHER

SENSOR	LoRaWAN radio	GATEWAY	Ethernet / 4G	NETWORK SERVER	Secure cloud	DASHBOARD	Rules	YOU
AM103		**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 AM103

Indoor ambience sensor

Best for: Rooms people use — offices, guest rooms, lobbies and shop floors.

MEASURES	BATTERY	SCREEN	FITTING
Temp, humidity, CO_2	Up to 4.5 yrs	E-ink display	Wall-mount

OR, DEPENDING ON YOUR SITE



Milesight EM300-TH

Temperature & humidity sensor

Choose when: Vacant units, plant rooms, warehouses and outdoor spaces — rugged and battery-run for up to 10 years.

IP67 · up to 10 yrs battery · EN 12830



Milesight AM319

9-in-1 air quality sensor

Choose when: You need the full air-quality picture — particulates, VOCs, formaldehyde or ozone as well as CO_2.

CO_2, TVOC, particulates, HCHO or O_3 · USB-powered

3 WHERE TO FIT IT

1. **At head height, away from AC vents and sunlight**
   Reads the room, not the draught.
2. **One per vacant unit or storage zone**
   The rooms nobody visits are the ones at risk.
3. **Where people gather**
   Meeting rooms, dining areas and busy lobbies show CO_2 first.

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

Downtown Residences — ThingsBoard · illustrative

- Unit 806 · Living room
- Unit 805 · Living room
- Lobby · Ground floor
- Gym · Level 2

Humidity above 70%
Unit 806 · vacant
Assigned to: AC contractor

UNIT 806 · HUMIDITY, LAST 24 H (%)



⚠ Humidity above 70%
Unit 806 · vacant

✓ Back to 55% in 6 h
AC unit repaired before mould set in.

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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